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Annual Report for 1963

THE SOCIETY OF THE NEW YORK HOSPITAL



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525 East 68th Street, New York 21, N. Y.

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1771



1964

Annual Report for the Year 1963

A SUMMARY OF HISTORY AND OBJECTIVES

The New York Hospital which has cared for approximately 4,559,000 patients during its 193-year history, was founded in 1771 by a charter granted by King George III of England. It was this city's first hospital.

The original building, on a farm in lower Manhattan, burned before occupancy. Reconstruction was completed in time for the Hos-

pital to receive as its first patients American Revolutionary War troops wounded in July, 1776.

The Hospital is operated by The Society of the New York Hospital through its Board of Governors, and The Society has as its membership a group of public-spirited citizens whose interest and financial generosity are

invaluable and who therefore share in the service and progress achieved.

The New York Hospital occupies with Cornell University Medical College and with the Cornell University-New York Hospital School of Nursing the buildings of The New York Hospital-Cornell Medical Center at 68th Street and the East River. This Center was opened in 1932. Most of the staff doctors are members of the Medical College faculty. The activities of the three institutions are coordinated by a Joint Administrative Board under the personal and active supervision of the Director of The New York Hospital-Cornell Medical Center.

Three independently famous hospitals have in the course of years become affiliated with The New York Hospital and their operations consolidated with ours. Thus, the Lying-In Hospital, founded in 1799, Manhattan Maternity and Dispensary and the New York Nursery and Child's Hospital all form part of The New York Hospital clinics and departments operating in their respective fields. In 1947 these hospitals were legally merged into The Society of the New York Hospital. Since April 5, 1949 the services in orthopedics and rheumatic diseases have been performed through The Society's affiliate, The Hospital for Special Surgery.

In addition to its functions as a general hospital with extensive out-patient departments, The New York Hospital carries on special psychiatric activities in Payne Whitney Psychiatric Clinic in its own Center and in The New York Hospital-Westchester Division at White Plains, New York. The latter Division was known at its founding, in 1821, as Bloomingdale Hospital, due to its location on Bloomingdale Road, now Broadway. Even prior to the establishment of Bloomingdale, The New York Hospital was the first in the country to have a separate psychiatric department located in a separate building.

Throughout its history, the Hospital — a voluntary hospital which does not operate for profit — has adopted and furthered a four-fold concept of medicine:

Care of The Sick. Nearly all voluntary hospitals dedicated to the care of the sick, irrespective of a patient's ability to pay, experience deficits. The New York Hospital is no exception. Although many factors contribute to this condition, the most significant is the large number of patients who are unable to pay full cost for their care. Despite every economy consistent with sound medical practice this Hospital must depend on income from its endowment and upon assistance from the United Hospital Fund, the Greater New York Fund, on memberships in The Society, and upon voluntary gifts from interested friends to permit it to meet its annual deficit.

Teaching. The long affiliation of The New York Hospital and Cornell University Medical College expresses the Hospital's time-tested philosophy that great medical institutions must provide for the teaching and training of new doctors, nurses and technicians for tomorrow as well as for the care of the sick today. The Cornell University-New York Hospital School of Nursing is one of the few whose courses lead to a B.S. degree in nursing.

Research. In every clinical and preclinical department of the institution, research probes constantly for new methods of diagnosis, new types of care and wider understanding of new drugs. The already tangible results of research in the early diagnosis of cancer, in antibiotic drugs and chemotherapeutic agents, and psychosomatic medicine, for example, vouch for the importance of research in a well-rounded hospital program.

Preventive Medicine. The Hospital works constantly to cure sickness and to accelerate the development of new knowledge and methods of preventing sickness. Our concept of medicine is to prevent as well as to cure illness.

CONTENTS

	PAGE
Officers and Governors of the Society	5
Standing Committees	35
Officers of the Women's Auxiliary	36
Officers of the Ladies' Auxiliary	36
Administrative Officers	36
Report of the President	7
Report of the President of the Medical Board	9
Report of Departments	
Anesthesiology	11
Medicine	12
Neurology	15
Obstetrics and Gynecology	16
Pathology	19
Pediatrics	20
Psychiatry	22
Westchester Division	23
Radiology	24
Surgery	25
Report of the Director	29
Report of the Nursing Service	31
Report of the Women's Auxiliary	33
Professional Staff	37
Financial Statements	46
Endowed Beds	51
Legacies	52
Donors to the Society	53
Appendix—Statistics	56
Index to Professional Staff	60
PHOTOGRAPHS by Jules Zalon	



THE SOCIETY OF THE NEW YORK HOSPITAL

OFFICERS — 1964

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Francis Kernan, *Vice-President*
Jean Mauzé, *Vice-President for Finance*
Walter G. Dunnington, Jr., *Vice-President for Membership*
Kenneth H. Hannan, *Vice-President and Chairman of the Budget Committee*
Ernest F. Gamache, *Secretary and Treasurer*

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Cornelius N. Bliss, Jr.	Francis Kernan	Mrs. John T. Pratt, Jr.
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William A. M. Burden	Louis M. Loeb	Laurance S. Rockefeller
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Walter G. Dunnington, Jr.	Devereux Milburn	Frederick K. Trask, Jr.
Samuel S. Duryee	George S. Moore	Albert Carey Wall
Harry W. Fowler	Stanley de J. Osborne	John L. Weinberg
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Joseph H. Choate, Jr.	Barklie McKee Henry	Francis Cardinal Spellman
Walter G. Dunnington	William H. Jackson	Henry S. Sturgis
*A. Conger Goodyear	Alfred L. Loomis	Landon K. Thorne
Connie M. Guion, M.D.	Paul G. Pennoyer	Langbourne M. Williams
	Murray Sargent	

Henry N. Pratt, M.D., *Director, The New York Hospital*
United States Trust Company of New York, *Investment Management Counsel*
Kelley Drye Newhall Maginnes & Warren, *Counsel*
The New York Hospital-Cornell Medical Center
Joseph C. Hinsey, *Director*

JOINT ADMINISTRATIVE BOARD

James Perkins, <i>Chairman</i>	Stanton Griffis	Frederick K. Trask, Jr.
Arthur H. Dean	Hamilton Hadley	**Frederic W. Ecker
	Francis Kernan	

MEDICAL BOARD

Frank Glenn, M.D., <i>President</i>	John Graydon Kidd, M.D.	Fred Plum, M.D.
John A. Evans, M.D., <i>Secretary</i>	Allyn B. Ley, M.D.	Preston A. Wade, M.D.
Joseph F. Artusio, Jr., M.D.	William T. Lhamon, M.D.	James H. Wall, M.D.
R. Gordon Douglas, M.D.	E. Hugh Luckey, M.D.	Joseph C. Hinsey, <i>ex officio</i>
Connie M. Guion, M.D.	Wallace W. McCrory, M.D.	

* *Died April 23, 1964*

** *Died February 27, 1964*



REPORT OF THE PRESIDENT

Frederick K. Trask, Jr.

With the completion of the new out-patient facilities in 1963, The Society of the New York Hospital began a program for expansion of facilities for care of patients, medical education and research. This program is a joint undertaking of the Hospital and Cornell University Medical College and marks the first important step toward enlargement of our Medical Center since its opening in 1932.

The Dr. Connie Guion Building, named after our Honorary Governor and Emeritus Professor of Clinical Medicine who has been associated with The New York Hospital-Cornell Medical Center for almost half a century, was dedicated in May. This new building provides greatly expanded facilities for ambulatory patients, a new emergency pavilion and unlimited learning opportunities for students of medicine and nursing and for young physicians. The Vincent Astor Cardiovascular Clinic, located on the fourth floor of the building, is one of the world's most modern and complete centers for the study of patients with cardiovascular problems. The entire \$5 million structure is the first major addition to the Hospital since 1932.

The new faculty club, given by Stanton Griffis to Cornell University Medical College as a memorial to his daughter, Miss Theodora Griffis, served the medical staff well during its first year of operation. The club provides a

long needed meeting place for the medical staffs of the Center, providing them with unexcelled dining facilities.

Two new building projects of major significance were initiated during 1963. Plans for the Laurence G. Payson House, to meet the increasing need for housing the medical and administrative staffs of the Center, were completed. This 34-story building will be constructed on the west side of York Avenue between Seventy and Seventy-first Streets, and will be named for the late Laurence G. Payson who served as Secretary-Treasurer of The Society from 1948 until 1962. The assistance of Phipps Houses in the planning, financing, construction and future management of this project is gratefully acknowledged.

The proposed William Hale Harkness Medical Research Building will be devoted primarily to research and teaching activities of the Medical College, with the tenth and top-most floor to house new surgical operating rooms and related facilities of the Hospital. The bank of elevators serving the building will also be used for Hospital patients and visitors, thus providing an important part of the answer to a longtime problem of the entire Center. The gift of Rebekah Harkness Kean, in memory of the late Mr. Harkness, has gone a long way toward making this building possible; it is hoped the additional amounts needed will be forthcoming from other sources in time to start construction in the fall of 1964.

The year was most rewarding and encouraging in the Center's intensive campaign for capital funds. Launched in December, 1961, with a goal of \$54,700,000, the Fund for Medical Progress had realized a total of \$27,700,000 one year later in 1962. By the end of 1963, a significant interim goal of \$40,000,000 was achieved, thus preparing for completion of the campaign in 1964.

Generous gifts received during the year from many persons and leading foundations have made this achievement possible. Among these are the magnificent gift mentioned above

from Rebekah Harkness Kean; a substantial unrestricted grant to the Center from Israel Rogosin; an endowed professorship of Obstetrics and Gynecology from the Irene Heinz Given and John LaPorte Given Foundation, Inc.; an endowed professorship in cardiovascular medicine from Mr. and Mrs. E. Roland Harriman; grants from the Teagle Foundation, Inc. and the Richard King Mellon Charitable Trusts; and a number of very substantial gifts from board members and other friends of The New York Hospital and the Medical College.

For the final phase of this program Mr. Richard G. Croft, a Governor of The Society, has been appointed Chairman of the major gifts committee by General Chairman John Hay Whitney. With an able and vigorous committee, Mr. Croft is moving forward to insure the ultimate success of the fund.

The Board of Governors of The Society warmly welcomed Laurance S. Rockefeller to its membership in June, 1963. Mr. Rockefeller is President of the Memorial-Sloan Kettering Cancer Center. His experience and personal interest will be of real help in the development of our Center program.

On behalf of the Board, I wish to express our gratitude to Dr. Joseph C. Hinsey, Director of the Center; Dr. Henry N. Pratt, Director of the Hospital; to Miss Muriel Carbery, Director of Nursing Service; to Dr. James H. Wall, Medical Director of the Westchester Division; and to Ernest F. Gamache, Secretary-Treasurer, for their strong and devoted leadership. We are deeply grateful to Dr. Frank Glenn, President of the Medical Board, and to the Board for their intelligent guidance over the medical affairs of the Hospital, and to Dr. John Deitrick, Dean of the Medical College, for his continuing interest and participation in the affairs of the Hospital.

I extend personal thanks to my fellow Board Members for their wise and thoughtful counsel and for their spirited support during this very fruitful year.

REPORT OF THE PRESIDENT OF THE MEDICAL BOARD

Frank Glenn, M.D.

In our varied undertakings during the course of the year which required the counsel and guidance of the administration of the Center, the Medical Board and the professional staff have, as always, been supported by the understanding and cooperation of the Board of Governors and of Dr. Joseph C. Hinsey, Dr. Henry N. Pratt and Mr. Ernest F. Gamache.

Professional activities of the Hospital are reported by individual departments on the following pages. Staff changes during the year follow:

Promotions and New Appointments. Dr. Robert L. Patterson, Jr., became Attending Surgeon-in-Charge, Orthopedics, and assumed direction of the Hospital for Special Surgery upon the resignation from that position of Dr. T. Campbell Thompson who retired in June. The former division of neurology of the Department of Medicine was made into a separate clinical department, with Dr. Fred Plum as director and Neurologist-in-Chief, Dr. Henry S. Dunning promoted to Attending Neurologist, and Dr. Fletcher H. McDowell and Dr. Donald J. Simons given a change of title to Associate Attending Neurologists. Dr. George A. Keating became a Consultant in Anesthesiology and Dr. Daniel N. Hertz a Consultant in Psychiatry, both at the Westchester Division. Dr. Marvin Stein was appointed Attending Psychiatrist at the Payne Whitney Clinic. Dr. Fred H. Allen, Jr., was

promoted to Attending Pediatrician and Dr. Stanley S. Zipser to Associate Attending Pediatrician; Dr. James L. German III and Dr. August G. Swanson joined the staff as Associate Attending Pediatricians. Dr. Alan Van Poznak became Associate Attending Anesthesiologist. The following were appointed Associate Attending Physicians: Drs. Farrington Daniels, Jr., Aaron Feder, Susan Hadley, B. H. Kean, Ellen McDevitt, William C. Robbins and Peter E. Stokes. Drs. E. William Davis, Jr., and Thomas F. Dillon were promoted to Associate Attending Obstetricians and Gynecologists. Dr. John F. Seybolt was appointed Associate Attending Pathologist, Dr. Guido Currarino and Dr. Nathan Poker Associate Attending Radiologists, and Dr. Dan M. Gordon Associate Attending Surgeon, Ophthalmology. Dr. Allyn B. Ley assumed the duties of the newly created position of Director of Ambulatory Services.

Retirements and Resignations. At the end of the academic year Dr. Nelson W. Cornell and Dr. D. Rees Jensen, Associate Attending Surgeons, retired, and also Dr. George A. Fiedler, Associate Attending Surgeon, Urology. Dr. Frank J. McGowan was made Con-

sultant in Surgery and Dr. Charles H. O'Regan Consultant in Pediatrics. Dr. John M. Beal, Attending Surgeon, resigned in August to become head of surgery at Northwestern University School of Medicine. Dr. Clayton L. Thomas, Associate Attending Obstetrician and Gynecologist, resigned when he moved to Massachusetts. Dr. Robert I. Schrier became Assistant Professor of Anesthesiology at Yale University School of Medicine and Grace-New Haven Community Hospital.

Deaths. Dr. Bernard W. Maisel, Associate Attending Surgeon and former member of the house staff, died at The New York Hospital on April 22, at the age of 48. On May 14, Dr. Robert D. Huebner, who had been associated with the institution since his graduation from Cornell in 1944, died after a long illness at the age of 45. Dr. Irving Schwartz, having been Assistant Attending Radiologist since the establishment of the Center in September 1932, died on December 30. Among retired staff members, Dr. Kenneth Taylor, who resigned from the courtesy staff in 1961, died on March 1, and Dr. Henry Barber Richardson, a former Attending Physician, died in November at the age of 74.



ANESTHESIOLOGY

Joseph F. Artusio, Jr., M.D.
Anesthesiologist-in-Chief

The clinical service of the Department administered 20,000 anesthetics during 1963.

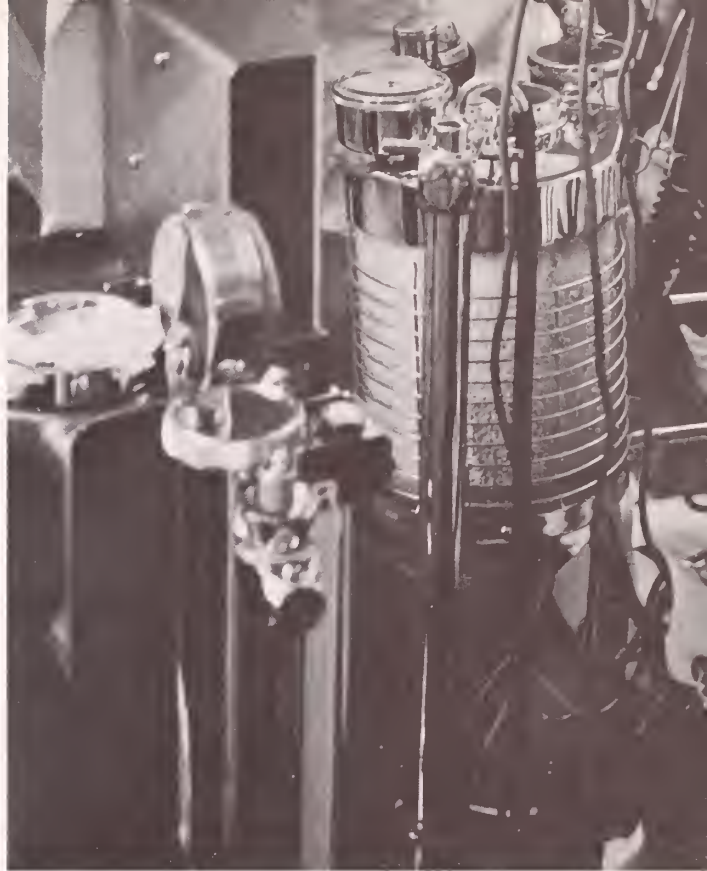
Research progressed in the fields of non-flammable, non-explosive anesthetics and in electrical anesthesia. The successful production of a whole range of non-flammable, non-explosive anesthetics will ensure greater patient safety and ultimately will reduce the great amounts now spent throughout the country to safeguard operating rooms against explosions.

Dr. Alan Van Poznak continued his investigations on electrical anesthesia and has introduced significant new knowledge from this department into the medical literature.

The five year study on incidence of coronary occlusion and cerebrovascular accidents following anesthesia and surgery begun in 1959 continued. Completion of this study in early 1964 will determine whether a history of previous coronary occlusion or cerebrovascular accident significantly increases chances of recurrence following surgery.

To facilitate research, the anesthesia laboratories were completed and are now fully equipped, explosion-proof and air conditioned. Prior to this year, anesthesia research was carried out in the general surgery laboratories, which hampered the continuity of investigations.

During 1963 fifteen attending anesthesiologists assisted Dr. Artusio in providing the anesthesia services of the Hospital. This was an increase of four attending anesthesiologists. Twenty-two resident anesthesiologists trained in the department during the year, an increase of five over 1962.



Patient monitoring equipment used in Anesthesiology

Dr. Benjamin Marbury took on the added assignment of membership on the Record Committee.

Dr. Van Poznak began his second year in pharmacological research in the Department of Pharmacology and became our new representative to the formulary committee.

Following completion of their residency on June 30, Drs. Raymond Barile, Louis Maggio and Patricia O'Neil joined the staff as assistant attending anesthesiologists. Dr. Barnett Junker also joined our staff in the same capacity.

Drs. Charles Akselrad, Phyliss Bagdi, Philip Freedman and Raymond Hicks completed their training this year. Drs. Bagdi and Freedman went on to further training in anesthesiology. Dr. Hicks became Director of Anesthesiology at Veterans Administration Hospital in Tuskegee, Alabama, and Dr. Akselrad entered private practice in Brooklyn.



Cleaning wastes from the blood of a patient is taken over by an artificial kidney

MEDICINE

E. Hugh Luckey, M.D.
Physician-in-Chief

During 1963 the total patient days of care in the medical pavilions were 41,107. Although this is slightly below the figure for the preceding year, the patient days provided in the Du Bois Research Pavilion again increased. The bed occupancy on the medical pavilions continues at the high level of 90%.

The staff of the Department undertook an intensive study of the activities in teaching, research and patient care in 1963. A number of study groups have been concerned with specific areas of our activities. It is expected

that final recommendations of these groups concerning future programing in the department will be made in the spring of 1964. In the Out-Patient Department the study is under the general supervision of Dr. Allyn B. Ley who joined the staff as Director of Ambulatory Services of The New York Hospital-Cornell Medical Center in 1963. Considerable revision in the ambulatory services of the department is contemplated.

The allergy and infectious disease division, under the direction of Dr. Edward W. Hook,

Jr., has continued studies on the pathogenesis and therapy of microbial infections. Drs. Donald Kaye, Hook and Stephen Connolly have made additional observations on the therapy of chronic typhoid carriers. Prolonged follow-up is required, but the results to date suggest that about one-third of the chronic carriers have been cured by therapy with a new semi-synthetic penicillin derivative. Dr. Kaye and Dr. Hook have continued their studies on the influence of anemia on susceptibility to infection. As a component of these studies, a colony of mice that spontaneously develop autoimmune hemolytic anemia has been established and it has been demonstrated that immune hemolysis in these animals is associated with a striking increase in susceptibility to infection. Dr. John C. Ribble has studied the effect of infection on carbohydrate metabolism. A method for the detection of insulin antagonists in serum has been developed and is being used to find out if serum from patients with acute infectious diseases contains insulin antagonists.

Activities in tropical medicine and medical parasitology have been expanded during the year under the direction of Dr. Benjamin H. Kean. New research laboratories have been established, and Dr. Kean and Dr. Anne C. Kimball have initiated studies on the epidemiology of toxoplasmosis. As an additional component of this program, a tropical disease clinic was organized by Dr. Kean and Dr. Donald Hoskins and became operational in November, 1963.

Dr. Murray Dworetzky, Director of the Allergy Clinic, and Dr. Marvin Stein of the Department of Psychiatry have begun an investigation of the psychodynamics of asthma. During the year studies by Dr. Mary Loveless have been concerned with methods of therapy of hypersensitivity to wasp venom and allergic rhinitis.

The major innovation of the division of cardiology during the year was the reorganization of the techniques and facilities in the heart station. During the past ten years the service

responsibilities of the heart station have increased 300%. After a thorough study, Dr. Thomas Killip III, Director of the Division, and Dr. Susan T. Carver, Assistant Director of the Heart Station, concluded that the increased demands upon the heart station could be met only by modernization of the process of recording electrocardiograms. This program was begun.

During the past year Dr. Killip and associates investigated a number of problems related to the diagnosis and treatment of arrhythmias, or irregular heart beats. A simple technique was developed for recording a direct right atriogram. Percutaneously a platinum tipped steel wire is inserted into a vein and then directed into the right atrium to aid in establishing an accurate diagnosis in complicated arrhythmias.

The department has been recognized as a leading authority in the application of a new technique, synchronized precordial shock, in the treatment of arrhythmias.

The staff of the cardiopulmonary laboratory headed by Dr. Daniel S. Lukas has continued its program of study of hemodynamic disturbances in chronic valvular disease and water transfer in the lungs. Of most significance was the report by Dr. Lukas that the method for determining plasma levels of digoxin appears to be sufficiently sensitive and reproducible to allow extended clinical investigation. Thus we may have available the first important advance in the use of digitalis in heart disease in 50 years.

The dermatology division has been headed by Dr. Farrington Daniels, Jr., since September, 1962, and many changes have ensued. A histochemistry laboratory has been established which is used as the basis of investigation by Dr. Frank Cormia, Dr. Sam Atkinson, Dr. John Dougherty and Dr. Daniels. The large number of skin histopathology specimens accumulated since 1948 are being studied by newer histochemical and fluorescence techniques. Dr. Cormia is studying the effects of

drug eruptions and other acute skin diseases upon cutaneous blood vessels. Dr. Dougherty is studying changes in elastic tissue in various skin disorders. Dr. Atkinson and Dr. Daniels are studying the histopathology of sunburn and of light sensitivity reactions of the skin, as part of Dr. Daniels' general program on sunburn and ultraviolet carcinogenesis.

The gastroenterology division, under Dr. Marvin H. Sleisenger, has continued clinical investigations relating to mechanisms of malabsorption. In new laboratory facilities, Dr. Graham H. Jefferies and Dr. Walter Rubin are investigating immunologic aspects of gastric intestinal disease and are continuing work on vitamin B₁₂ absorption. Drs. Elliot Weser and Satish Mehta are studying the metabolism of xylose and disaccharides and are investigating the role of lipase inhibition in the genesis of steatorrhea.

The hematology division headed by Dr. Ralph Engle, Jr., has continued studies on the biochemistry of Bence Jones proteins and immunoglobulins. Dr. Ralph Nachman, who has assumed charge of the clinical hematology laboratory, has also participated in this work and has studied the role of platelets in various immunologic reactions. The division has joined a national group studying the chemotherapy of various hematologic disorders under the supervision of Dr. Richard Silver. Dr. George Kauer is continuing his cytogenetic studies of chromosomes.

The division of human ecology is a joint activity of the departments of Medicine and Psychiatry under the direction of Dr. Lawrence E. Hinkle, Jr. Members of the staff during the past year have included Drs. Bry Benjamin, William N. Christenson, Francis D. Kane and Howard N. Cooper.

The division has been concerned primarily with the investigation of the influence of the external environment upon coronary heart disease. One aspect of this investigation has been a five-year prospective study of the relation between social mobility, psychological

traits and the occurrence of coronary heart disease in 270,000 male employees of a nation-wide industry. The information from the first year suggests that men who have worked their way up from the ranks to the highest levels of management have a distinctly greater risk of having a heart attack than do other men in the industry.

In another aspect of this investigation, the division has been actively engaged in a long-term, continuous observation of the human electrocardiogram under the usual conditions of daily life. During the past twelve months more than 250 men and women of various ages have been monitored throughout a carefully devised program of activities designed to reproduce many of the features of ordinary daily activity. The findings suggest that reactions to the events and situations of daily life might have an important influence upon the course of heart disease, and especially upon coronary heart disease.

The division of metabolism, under Dr. David Thompson, initiated a program of kidney homotransplantation this year. The newly equipped Rogosin Laboratories, directed by Dr. Albert Rubin, are the scene of investigation of three major aspects of renal disease: 1) metabolic alterations that occur during hemodialysis with the artificial kidney, 2) renal homotransplantation in patients with terminal renal disease and 3) the treatment of patients with immune renal disease with cytotoxic drugs. The first area is being explored by the latest dialysis techniques; particular attention is being given to the investigation of substances removed from the patient's blood during dialysis. Renal homotransplantation is being investigated from three major aspects: 1) a means of matching the donor and recipient by specific tests of lymphocyte blood cells in culture, 2) the early diagnosis of transplant kidney failure by analysis of the type of cells in the urine, 3) the use of drugs to suppress the immunologic rejection phenomenon that causes the transplanted kidney to fail.

Several new agents are being investigated as well as the mechanism of action of existing drugs. This work is being done in collaboration with Drs. Edward I. Goldsmith and John C. Whitesell II of the Department of Surgery.

In the vascular division, headed by Dr. Irving S. Wright, two major developments came to fruition this year. The first was the opening of the Stella and Charles Guttman Laboratory which represents a marked advance in vascular research equipment. This laboratory is specially constructed for minimizing sound and vibration and for temperature and humidity control. Within it patients or animals can be studied under controlled environment while measurements of the response of the peripheral circulation to a variety of experimental conditions, including the

use of appropriate drugs, are being recorded on automatic devices thus reducing subjective impressions of the observer as a factor.

The physical medicine and rehabilitation division, headed by Dr. Kenneth C. Archibald, has continued its interest in the various electrical testing techniques which may be helpful in the evaluation of muscular and neuromuscular disorders in addition to carrying out its service responsibilities in the management of patients with physical disability. In 1963 there was increased emphasis on nerve conduction studies. There has been a steady increase in the number of electromyographic studies from 163 in 1960 to 407 as of December 18, 1963. This accumulation was utilized in a continuation of attempts to correlate electrophysiologic and histologic abnormalities.

NEUROLOGY

Fred Plum, M.D.

Neurologist-in-Chief

Special studies in headache continue and new research projects have been started. In addition, several individual neurophysiological studies on the central nervous system control of breathing are under way. A laboratory has been established to study cerebral metabolism in man; here brain acid-base balance is currently receiving particular attention. A laboratory is also being established to analyze disordered reflex and postural control of human motor function. The department's other research activities are experimental studies on muscle enzymes and experimental studies on central nervous system control of cardiovascular response.

Activities initiated during the year include expansion of the post-graduate training program in neurology. Trainees in this program take advantage of the clinical opportunities

offered by the Memorial Hospital and the Cornell Division of Bellevue Hospital.

During the past year there were 578 admissions to the neurological pavilion, and an approximately equal number of consultations.

Dr. Henry S. Dunning supervised the clinical services for the first six months of the year immediately following the tragic death of Dr. Harold G. Wolff. Dr. Fred Plum became Neurologist-in-Chief in July. Throughout the year attending neurologists including Dr. Fletcher H. McDowell, Dr. Donald J. Simons, Dr. Gerald H. Klingon, Dr. Thomas C. Guthrie, Dr. Gerald M. Silverman and Dr. Rosalie Burns contributed significantly to the patient care and teaching programs. Dr. Jerome B. Posner and Dr. Donald J. Reis joined the full time attending staff in September and November, respectively.

OBSTETRICS AND GYNECOLOGY

R. Gordon Douglas, M.D.

Obstetrician and Gynecologist-in-Chief



Significant advances in care and techniques resulted in the lowest mortality rate in the history of the Hospital. Out of a total of 4,535 live births, 9.3 per cent of all the births in Manhattan, only 107 deaths were recorded and 62.6 per cent occurred in premature infants. If infants weighing less than 2.2 pounds are excluded, the perinatal mortality was 1.8 per cent of infants born at the Hospital.

Special cribette shields infant from "staph" infection



Spontaneous abortion and the premature onset of labor continue to represent the greatest cause of pregnancy wastage. Of 5,137 pregnant women, 17.4 per cent were terminated by spontaneous abortion or premature delivery. Deep concern for these problems has led the medical staff into several research studies.

The establishment of the Eugene F. Du Bois Pavilion has made it possible for Dr. Roy W. Bonsnes and Dr. Melville Platt to initiate studies in salt metabolism during pregnancy. Patients with a normal pregnancy, pregnancy complicated by renal disease and with hypertensive cardiovascular disease were studied.

Dr. Bonsnes has been analyzing amniotic fluid obtained from mothers sensitized to the Rh factor and has been evaluating a hemoagglutination inhibition test for chorionic gonadotropin in urine. The practical application of this test, if it proves reliable, will be for diagnosis of pregnancy, hydatidiform mole and choriocarcinoma.

Dr. Robert N. Melnick continues research on incipient carcinoma of the cervix. During the year 2,356 new patients in the antepartum clinic were screened by cytological methods.

Dr. William J. Sweeney III and Dr. Stephen Terry have been studying urinary tract infections following repair operations on the lower genital tract as related to the post-operative use of indwelling catheters. Another investigation concerns the asymptomatic pregnant patient who has microorganisms present in the urine, a situation that is potentially likely to lead to a urinary tract infection, premature labor and other complications of pregnancy.

Dr. Hortense Gandy has been testing methods for estimating precisely the amount of testosterone and other androgens in circulating blood. These appear to be present in both men and women and she has identified small quantities of both the hormonally active and inactive forms. She has endeavored to improve techniques and establish a normal range of

testosterone and other androgenic substances in the blood.

Through generous support obtained from the New York Foundation, Dr. Frederick Martens obtained the necessary cryogenic surgical equipment to investigate possibilities of this technique in the uterus. He has applied a probe to the entire interior of the uterus and to a portion of the uterus and has lowered the temperature by means of liquid nitrogen to about -180°C . in one or two minutes. This technique might be used for the control of excessive menstrual flow, the establishment of an infertile state with preservation of the menses and possibly for an aid in the treatment of cancer of the endometrium.

Dr. John T. Queenan and his associates, through the generous support of the Health Research Council, have established an immunological laboratory and an obstetrical immunological clinic for following patients immunized to the Rh or other blood factors. Research efforts have been devoted to the detection of fetal cells in the maternal circulation, the relationship of the amniotic fluid pigments to the degree of erythroblastosis in the fetus and to the detection of Rh antigens on spermatozoa.

Dr. Robert Landesman and his associates have completed the study of plasma angiotensinase activity in normal and toxemic pregnancy. They have established a technique for the determination of angiotensin and associate polypeptides in body fluids (maternal and fetal blood, amniotic fluid) and tissue extracts. These polypeptides may play an important role in the elaboration of toxemia of pregnancy which can be a serious complication of pregnancy.

Dr. Landesman and his associates completed an in-vitro study on the comparative action of sparteine sulfate and oxytocin. Both drugs were effective in producing muscle contractions. In contrast to oxytocin, over a wide range of doses, sparteine sulfate resulted in increasing muscle tone and frequently in tetany.

Dr. Walter Freedman established an hematological research laboratory early in 1963. A prospective study was begun to evaluate a sustained release iron preparation and to compare this with preparations such as ferrous gluconate.

Dr. William D. Walden employed new fetal electrocardiographic equipment in a relatively large number of obstetrical cases during the year. By this technique the existence of fetal life can be determined as early as twelve weeks gestation, a long time before the fetal heart can actually be heard. Twins can be detected as early as the sixteenth week of gestation, and fetal death can be verified. The instrument has been helpful in patients with severe pre-eclampsia, diabetes, those immunized to the Rh factor, post mature patients and in the presence of polyhydramnios.

Dr. S. Francis Ryan rejoined the department in mid 1963 and has established facilities for continuation of cytogenetic studies that began in Manchester, England. Dr. Frederick Martens completed his formal graduate program in June and joined the staff as Assistant Attending Obstetrician and Gynecologist. Dr. Robert C. Knapp rejoined the department July 1, following a year's study of neoplastic disease at the University of the State of New York. Dr. Anthony Deep joined the department as an Assistant Attending Obstetrician and Gynecologist on July 1st.

Dr. E. Thomas Steadman completed his formal graduate education program in July and became Assistant Director of Obstetrics and Gynecology at Roosevelt Hospital in New York. Dr. Stewart L. Marcus is on a one-year leave of absence to study reproductive physiology at the Peter Bent Brigham Hospital in Boston.

Dr. Thomas L. Ball has accepted an appointment as Associate Clinical Professor of Obstetrics and Gynecology at the University of California Medical Center at Los Angeles. Dr. William D. McLarn has entered private practice in Ellsworth, Maine.

PATHOLOGY

John G. Kidd, M.D.
Pathologist-in-Chief

In the laboratory of surgical pathology histologic diagnoses were made on 11,028 biopsies during the year, and in the Papanicolaou cytology laboratory 29,996 specimens were examined for cancer detection.

Fundamental aspects of such disorders as cancer, cardiovascular diseases, anemia, and neurological and muscular disorders were studied experimentally in research laboratories throughout the department, by means of advanced techniques including electron microscopy, immunofluorescence, histochemistry, electron diffraction, x-ray diffraction as well as the better known chemical, biological and optical techniques.

Postmortem examinations were made in 575 instances, the anatomical findings being widely used in clinical pathological conferences and in other teaching and training exercises throughout the Center.

Dr. Arthur Whitley Branwood, formerly Senior Lecturer in Pathology, University of Aberdeen, joined the Pathology Department in July, and Dr. William Karoll, a former resident, returned in July after a year at Memorial Hospital for Cancer and Allied Diseases.

Pathology conference decides the needs of a patient after tissue examination





Resident physician and students discuss the progress of a little patient

PEDIATRICS

Wallace W. McCrory, M.D.
Pediatrician-in-Chief

There has been considerable expansion in clinical activities, personnel growth and enlargement of research programs in the department this year.

Under the program of the newly established Birth Defects Center, directed by Dr. Robert E. Sharkey and supported by the National Foundation, a study was carried out which revealed that children with congenital birth defects account for 58 per cent of all patients admitted to the pediatric pavilions. The birth

defects clinic has enabled the department to center its attention on the wide problems of birth defects which, considering major and minor malformations, occur in 7.8 per cent of all births.

Dr. Heinz F. Eichenwald and Dr. Henry R. Shinefield reported success in controlling staphylococcus epidemics in hospital nurseries. Their method consists of introducing newborn infants to a non-virulent strain of staphylococcus aureus which interferes with the

acquisition of other disease-producing strains, a form of bacterial interference. This successful advance is the latest step in an eighty-year battle by doctors and research scientists to bring staph infection under control.

In the new neonatal research laboratory, directed by Dr. Peter A. M. Auld, cardiopulmonary studies are being conducted in newborn premature infants with respiratory diseases. Simple methods for measuring certain pulmonary functions have been developed to better understand abnormal physiology in these distressed infants. These studies combined with measurements of blood gas and acid-base status will give a better characterization of the child's illness and aid in the evaluation of various methods of therapy. Additionally, studies are underway to observe the biochemical effect of immediate caloric intake on the catabolic state in the premature infant.

The psychology division, under the direction of Dr. Katharine Cobb, continued its extensive program of research in child development. Two hundred normal newborns have been studied to obtain a base-line of expected behavior of normal babies at two, three and four days of age. These infants have been found to be far more responsive to visual, auditory and social stimuli than is commonly believed. The purpose of this study is to assist in the detection of mental, emotional and physical defects and illness at a very early age.

Hematology research is proceeding in several fields among which are studies of the causes of anemia in premature infants, and of intestinal bleeding in patients with iron deficiency anemia.

The pediatric congenital cardiac division, under the direction of Dr. Mary Allen Engle, is pursuing a number of investigations related to new methods of diagnosis and treatment of congenital cardiac problems. One is a study of physical growth patterns in infants and children with heart conditions. The patient's growth is observed in relation to the nature and

severity of the anomaly, the effect of surgical correction and his parental growth patterns.

There has been a constant increase in the number of out-patients seen in the clinics. In 1963 8,839 patients were seen, as compared to 8,146 in 1962.

The adolescent clinic, directed by Dr. Joan Morgenthau of Pediatrics, has been expanded to provide quality patient care for adolescents. Staffing the clinic are members of the Departments of Pediatrics, Medicine, Obstetrics and Gynecology, Psychiatry and Surgery.

The transfusion clinic gave 832 transfusions to 41 children last year, most of whom could not live without these periodic transfusions.

Dr. Howard G. Worthen is directing a comprehensive study of nephritis and nephrosis in children with the collaboration of Dr. Wallace McCrory and Dr. Madoka Shibuya. Studies of kidney function in nephritis and nephrosis are being correlated with morphologic studies of kidney tissue obtained by renal biopsy and examined by light and electron microscopy. Methods for measurement of cell enzyme activity in diseased kidney tissue are being developed by Dr. Edward Shubert, biochemist and research associate. These studies should help define the nature and cause of nephritis and nephrosis. New forms of therapy of these serious diseases are also being explored.

The pediatric recreation division, whose primary purpose is to foster the adjustment and recovery of sick child patients to their illness, continued its program of supervised play and occupational therapy. This year 1,720 children received a total of 29,388 playroom sessions and 6,651 pavilion sessions.

Dr. Maria I. New was promoted to Assistant Professor of Pediatrics and Assistant Attending Pediatrician and Dr. Julius Golobow was named Assistant Professor of Biochemistry in Pediatrics. Dr. Hart de Courdes Peterson was named Instructor in Neurology in Pediatrics and Provisional Assistant Pediatrician to Out-Patients.



A psychologist administers the Rorschach (ink blot) test

PSYCHIATRY

William T. Lhamon, M.D.
Psychiatrist-in-Chief

The Payne Whitney Psychiatric Clinic continued to provide service to a full range of psychiatric illnesses in the in-patient department and to increase the number of patients and total number of visits in the out-patient department. Many of the out-patient services were volunteered by psychiatrists. In addition, volunteer psychiatric teaching assistance was given to the medical out-patient clinic and to the work of the division of Human Ecology.

The Oskar Diethelm Historical Library continued to enlarge its valuable collection under Dr. Eric T. Carlson and to be a center for historical work in behavioral sciences.

Dr. Frederic Flach continued his studies of metabolic factors in depression. This work was augmented by the appointment of a bio-

chemist, Dr. Farouk Faragalla. Dr. Peter Stokes continued his studies of steroid metabolism and his work with alcoholic patients.

Studies of questionnaire validity in the detection of illness among children were continued by Drs. Albert Sherwin and Marie-Louise Schoelly, and the group began studying the relation of parental community relations to the development of emotional and behavioral disturbances in children. The clinic for adolescents, under Dr. James Masterson, Jr., continued to study the differentiation of illness from phases of growth. Both the work with children and with adolescents has been closely related to the Cornell Program in social psychiatry under Dr. Alexander Leighton. In this program, problems of evaluating

psychiatric diagnoses, evaluating impairment, and relation of community factors to illness and impairment are central.

The Cornell Program in social psychiatry has recently inaugurated a study to relate information obtained in semi-urban centers elsewhere to the metropolitan population, using program support from the National Institute of Mental Health.

Gradual increase of the resident psychiatrist's experience in the out-patient work and in investigation activities was initiated. Planned instruction of resident and other staff in group therapy under Drs. Ludwig Laufer and Bernard Fisher was initiated. Dr. Arthur A. Anderson introduced regular group therapy sessions for the adolescent in-patients during this year. The development of clinical psychology under Dr. Robert S. McCully was

aided by the appointment of Drs. Bernard Landis and David M. Clayson.

Under Dr. Lawrence E. Hinkle, the division of Human Ecology of the Departments of Medicine and Psychiatry continued to study social and environmental factors bearing on cardiac performance.

Six physicians joined the full-time staff of the department. These included Dr. Marvin Stein, Dr. Thomas J. Luparello and Dr. Vernon Sharp, who have a major interest in the psychophysiologic disorders, particularly emphasizing respiratory illnesses; Dr. Raul Schiavi, who is interested in the neuroendocrine aspects of behavior; Dr. Catherine Fales, who is a Special Fellow of the National Institute of Mental Health; and Dr. Edward Liang, who has been appointed full-time head of the out-patient department.

WESTCHESTER DIVISION

James H. Wall, M.D.

Medical Director

During the past year, 314 patients were admitted to this division and 321 were discharged. Of the latter, 264 either had recovered or were improved; thus 82 per cent of all patients discharged were definitely benefited by treatment.

The out-patient department for adults and children had 203 patients and their families under treatment in 7,677 interviews. Of these, 6,668 were with individual patients. The out-patient department has continued to be closely integrated with other mental health services of the community and in increasingly close cooperation with the various social agencies.

Five physicians joined the staff to receive psychiatric training and six completed their residency training.

The staff has continued to make progress in

research, particularly in the fields of schizophrenia, depressive reaction, alcoholism, anorexia nervosa and drug addiction, with particular emphasis on amphetamines.

Other studies being pursued include evaluations of the effectiveness of electro-shock therapy, tranquilizing and energizing drugs, and ambulatory insulin therapy.

Studies of adolescent girls and boys with major behavior problems are continuing and this department has been able to greatly refine its methods of handling and treating these patients.

The work of removing old-fashioned grills from windows and replacing them with attractive safety screens has been completed throughout the Hospital. Two new residences for senior physicians are nearing completion.

RADIOLOGY

John A. Evans, M.D.
Radiologist-in-Chief

Progress in the treatment of disease is dependent to a great extent on the ability to provide precise diagnoses. Roentgen methods of study furnish anatomical and physiological information essential to the proper understanding and treatment of many common as well as rare disease conditions. To achieve its full potential, modern diagnostic radiology requires the use of highly specialized radiographic and electronic equipment to record complex biologic functions. One of the areas of clinical investigation where the use of such equipment is particularly required is in the study of the heart and vascular system. This has been a field of active interest for members of the radiology staff for a number of years. In the past year, the visceral arterial system has been under intense clinical study. The catheter replacement technique has been used to selectively opacify and visualize the several organ systems supplied by the coeliac and mesenteric arteries.

The technique of selective visceral arterial catheterization has provided a new approach to the investigation of abdominal disease. Its use in the detection of tumors of the pancreas, liver and spleen has been encouraging and

warrants continued investigation. Preliminary studies have suggested distinctive arterial patterns in cirrhosis and hepatitis which, if substantiated, would offer an attractive alternative diagnostic method to those presently used.

The place of selective coeliac arteriography in the diagnosis of gastric ulcer and gastric cancer is being evaluated. The value of selective superior and inferior mesenteric arteriography in the differential diagnosis of neoplastic or inflammatory disease of the colon is currently being appraised. Thus, while standard radiographic methods of diagnosis have made significant contributions to the successful treatment of numerous abdominal diseases, a new approach to the investigation of the various abdominal organ systems seems imperative to the continued progress in this field.

The Radiology Department has been able to develop a very active, dynamic graduate teaching and training program in the field of angiography. It is anticipated that significant advances in patient care will result from the application of new angiographic techniques.

Extensive renovations within the department provided new and vastly improved facilities for the radioactive isotope laboratory and for the pediatric x-ray and x-ray therapy activities. The new cardiovascular radiology facility is now fully operational, providing complete and specialized diagnostic radiologic equipment.

Modernization and expansion of radiographic facilities in the Urology Department have begun and will be completed in 1964.

Drs. Harry L. Stein and Robin C. Watson, upon completion of their radiology residencies, were appointed Whitehall Fellows in Radiology in this department for continued specialized study in cardiovascular radiologic techniques. Dr. Walter Byck, a former member of the resident staff, was appointed Assistant Attending Radiologist August 1st. Dr. Nathan Geffen, after completing five years of post residency study in the United States with the last two spent at The New York Hospital, returned to Great Britain.



Open heart surgery demands the utmost in skill and precision from a 14-member team

SURGERY

Frank Glenn, M.D.
Surgeon-in-Chief

Clinical developments in general surgery that have advanced most during the year are in cardiovascular diseases, major trauma, non-malignant gastrointestinal disorders and organ transplantation. In addition, explorations into the field of hyperbaricity were begun.

The advancements in cardiovascular diseases have centered around the replacement of the aortic and mitral valves, through improved techniques in the open heart approach sup-

porting the circulation with the extra-corporeal mechanism. The replacement of diseased segments of the arterial system, including aneurysms, is being done more frequently for conditions associated with the ageing process.

In trauma, a study of patients who have sustained serious injury in traffic accidents is underway. Its intent is to gain information which will open new approaches for the treatment of such victims.

Non-malignant diseases of the gastrointestinal tract, including calculous biliary tract disease, peptic ulcer and ulcerative colitis, are being treated with new approaches that seek to interrupt the disease and, at the same time, conserve as much of the normal function of the kidney as possible.

Transplantation of a kidney to a patient without renal function was accomplished on four occasions, culminating two years of intensive preparation in the laboratory and in the clinic. Two senior members of the staff are devoting their major efforts to this endeavor, in close cooperation with the Departments of Medicine, Microbiology and Pathology. The rapid developments of this new field impose an ever-increasing demand for personnel and facilities to develop this service, which promises to be of great importance in the surgery of the future.

Special endocrinological studies have been employed increasingly in the treatment of pheochromocytoma, Cushing's disease, hypoparathyroidism and aldosteronism.

The Department of Surgery, in conjunction with other clinical departments of the Hospital, has surveyed several of the hyperbaric facilities in this country and abroad. An effort has been made to evaluate the probable position in the future of this type of therapy in the clinical care of patients. It was concluded that this Center should embark upon the use of hyperbaricity as a therapeutic means, and should initiate experimental studies in the laboratory at as early a time as possible, directed towards patient care insofar as this can be done within the reasonable limits of safety. The hazards associated with the development of a hyperbaric unit within the Center require careful planning, with the realization that a year or two at least will be required to train personnel and construct the facilities needed for such a unit.

In neurological surgery a method has been developed for transnasal implantation of radioactive yttrium (Y^{90}) into the sella turcica

for destruction of the pituitary gland, principally in diabetic patients unsuitable for the surgical approach owing to cardiovascular disease.

Localization of brain tumors was accurate in 80 per cent of 132 patients scanned with radioactive mercury (Hg^{203}).

Stereotaxy is being continued for motion disorders, including Parkinsonism.

Unusual progress has been made in three areas of investigation in the ophthalmology division. The most significant has been completion of studies in animals on the application of sub-freezing temperatures in the detachment of the retina, and its application to clinical use late in the year. Next of importance has been the development of electroretinography, the determination of physiological changes in various retinal diseases, so essential in conserving and preserving vision. And third is the control of fluid balance and pressure within the eye and factors that affect them, such as the corticosteroids which sometimes produce severe glaucoma.

In orthopedics, the hand clinic, one of the largest in the country, and the rheumatic diseases section have combined resources to attack the problem of hands crippled by rheumatoid arthritis. Surgical correction of joints involved ranges from removal of bone spicules to total joint replacement with a hinged metal mechanism. This is a new advancement. Research in bone metabolism in health and disease states has been expanded to studies on the physical structure and chemical composition of bone in growth, development and deterioration in the aged.

In otolaryngology, 140 children have been evaluated and treated in the speech and hearing unit which operates in cooperation with the Health Departments of the State and City of New York. Each patient requires prolonged treatment and guidance. At the year's end, 113 are continuing therapy, 27 completed our program and were referred back to local agencies.

Investigation on the structure of the tem-

poral bone in disease conditions has gone forward in the otologic research laboratory in cooperation with the Department of Pathology. Such correlation between the clinical course and the pathologic changes of those with progressive loss of hearing is of great value.

The pediatric surgical unit, treating a wide variety of problems, has achieved excellent results in the operative management of cardiac and gastrointestinal anomalies in the newborn and young infant.

In plastic surgery, bone grafting for the correction of cleft palate has been undertaken soon after birth, with encouraging results. A new dye test for definition of the area and depth of burns has been developed and employed clinically. Microsurgical methods in hand surgery have been demonstrated to shorten disability after operation and result in a better eventual function. Transplantation of tissues and organs is dependent on many factors, one of which is control of the immune response. Maintenance of the integrity of spleen cells from irradiated animals in tissue

culture marks an advance in the understanding of this complex mechanism.

The urology division reported one of the most important contributions in research to have come from this Center within the decade. At the instigation of Dr. Victor F. Marshall, Urologist-in-Chief, Dr. Edward C. Muecke accomplished the first experimental production of exstrophy of the bladder, a break-through in a new area of study of congenital birth defects.

Study of genitourinary disorders in children, a long-standing interest of the urology section, has been greatly facilitated by the installation of the most modern special x-ray and surgical equipment, including a newly designed cystoscope table with an image intensifier with moving picture recording devices. Endoscopic fiber optic instruments developed with the collaboration of the staff of this unit will be included in its facilities.

On the pavilion service, admissions increased 34 per cent and operations 43 per cent over the previous year.



THE NEW YORK HOSPITAL—CORNELL MEDICAL CENTER



① Main Entrance
The New York Hospital

② Payne Whitney Psychiatric Clinic

③ Children's Clinic

④ Woman's Clinic

⑤ The Hospital for Special Surgery

⑥ Dr. Connie Guion Building
(Out-Patient Department)

⑦ Cornell University-New York Hospital
School of Nursing

⑧ Cornell University Medical College

REPORT OF THE DIRECTOR

Henry N. Pratt, M.D.

For the third consecutive year the number of days of patient care provided by the three divisions of The Society exceeded all previous records, 466,511, while at The New York Hospital another all-time high of 328,083 days of care was established. Coupled with this increasing bed utilization is the greater use of an ever-increasing variety and complexity of laboratory, x-ray and related services. The science and technology of medicine advance with unpredictable speed. The early application of new diagnostic and therapeutic procedures in the care of patients has impact on both the quality and cost of patient care.

Annual increases of this magnitude explain the necessity for the frequent physical expansion and renovation of laboratory and other areas where these services are produced. An increasing number of these procedures are automated. This tends to limit the need for additional technical personnel but invariably results in greater space requirements. A prime example was the need during the year to reconstruct operating room "D" by converting a former visitors' gallery to a carefully integrated battery of electronic devices for use

during open heart surgery.

Also during the year the final steps in the installation of electronic accounting were taken with the activation of IBM data processing equipment. As programing proceeds, we will secure much additional and valuable biologic, statistical and financial data to assist in guiding future policies.

As a result of strikes at other institutions and efforts to unionize hospital workers in 1962, the Governor supported and the State Legislature passed a law in 1963 which removed the exemption of voluntary hospitals in New York City only from the provisions of the State Labor Relations Act. The new law also made strikes illegal and provided for binding arbitration in unresolved negotiations.

Since passage of this law in March, two unions have been actively competing for members among non-professional employees of twenty-three unorganized voluntary hospitals, including The New York Hospital. Since the effective date of the law, July 1, petitions for representational elections have been filed by the unions for these twenty-three hospitals and hearings held before examiners for the State

Labor Relations Board. The New York Hospital hearing was concluded at the turn of the year.

During the past ten years increasing emphasis has been placed on liberalizing employee benefits in keeping with industrial competition, introduction of modern methods of wage and salary administration and prosecution of training programs, particularly programs aimed at developing effective supervisors. These steps have undoubtedly been responsible for gradual stabilization of our personnel at all levels. In general, hospital personnel turn-over figures tend to average 60 per cent, a high figure compared with industry, but partly explained by the high percentage of women employees. The New York Hospital experience for the past ten years has been:

1954	44%	1959	42%
1955	50	1960	39
1956	64	1961	39
1957	68	1962	38
1958	49	1963	30

This increasing stability of employees strongly suggests that they take satisfaction in their work. There is further evidence that a substantial majority of our employees identifies with the objectives of the institution rather than with a union.

The Volunteer Department continued to be an integral part of the Hospital's programs in patient care, with 4,271 registered volunteers giving over 64,000 hours of service this year. Among the achievements during the year were the organization and maintenance of an adult education program for the patients of Payne Whitney Psychiatric Clinic, the recreational program for the patients in the Du Bois Research Pavilion and the bookmobile for pediatric patients.

Seventy-five per cent of the volunteers are presently in paid employment and their reg-

ular days or evenings a week given to the Hospital represent precious time.

With a balanced group of experienced and new volunteers we are able to maintain the established program. New volunteers bring a fresh point of view to the department and those with previous service help with training and the extension of the program.

Financial operating results for each division of The Society for 1963 as compared with 1962 were:

	1963	1962
The New York Hospital	\$ —1,155,829	\$ —618,200
Payne Whitney Psychiatric Clinic	— 27,343	—120,766
Westchester Division	12,711	143,960
Total for The Society	\$ —1,170,461	\$ —595,006

During 1963 provision for depreciation of buildings and equipment was increased to \$1,000,148 as compared with \$743,728 in 1962. This increase of \$256,420 was largely referable to the completion and capitalization of major structural improvements at The New York Hospital. Results for 1963 and 1962, excluding all depreciation as an element of expense, were respectively \$ —170,363 and \$148,722.

Capital expenditures, other than those for which gifts or funds were specifically designated, came to \$1,237,637. Annual expenditures in this range or greater for capital replacements, new equipment and extraordinary improvements are essential if we are to keep pace with medical progress, adjust facilities to meet modern needs and maintain our plant in sound condition.

As reported by the President, the Fund for Medical Progress topped the \$40,000,000 mark by year end. This achievement, made possible in large measure by the dynamic leadership of Mr. Frederick K. Trask, Jr., President of The Society, has raised the morale of all and reinforced their confidence in the Center's continued progress and leadership.

REPORT OF THE NURSING SERVICE

Muriel Carbery, R.N.
Director



Supervisor reviews patient care with students and graduate nurse

With the introduction and continued development of highly complex medical equipment, the Nursing Service in 1963 found itself embarked on a new phase of sick care. More personnel and nurses specially trained to handle modern, time-consuming, therapeutic machinery is the new order of the day.

Much of the special preparation required to use this new equipment is accomplished through on-the-job training. But these essential new skills also point up the necessity for development of clinical nursing specialists, such as those now assigned to the renal and cardiac teams and the intensive care unit. Open

heart surgery, organ transplants and the use of monitoring equipment for critically ill patients demand nursing practitioners with sound scientific background, thorough knowledge of nursing arts and technical skill.

The nurse's role in medical research has also taken on novel values with the growing recognition of her ability to insure the accuracy and precision needed to obtain reliable data and to help translate findings into improved patient care.

The Eugene F. Du Bois Research Pavilion demonstrates the importance of sending selected nurses to other research centers such as

Peter Bent Brigham Hospital in Boston, the Medical College of Virginia Hospital in Richmond and the National Institutes of Health in Bethesda, Md., to learn how their special units were staffed, what extraordinary responsibilities were assigned to the nurses and to achieve familiarity with the new therapies.

The peritoneal dialysis is an example of nurses assuming new and greater responsibility for some of the more complex procedures. After the doctor has initiated this technique, the nurse takes over under the doctor's supervision and carries out the involved steps which may run from 24 to 72 hours and may be repeated at three-to-four day intervals.

The turnover of professional nurses dropped in 1963 to a new low of 32.8 per cent, as against 39.4 per cent for 1962. Appointments totaled 381 and resignations 350. With an allocation of 681.5 nurses, the service at the end of the year was five positions in excess.

Thirty-nine members of the 1963 graduating class of Cornell University-New York Hospital School of Nursing joined the hospital staff.

The use of experimental and new drugs and equipment make it imperative that nurses be given the opportunity to expand their knowledge and skills. Some avenues for the nurse to do this have been opened through medical and nursing rounds, specialty-area observations and health conferences.

Scholarship aid has also encouraged nurses to avail themselves of further academic training. This program funded by the Hospital, provided assistance for 77 graduate nurses in 1963, with two receiving full-time scholarships. Three nurses completed programs which led to master's degrees in nursing education.

For the sixteenth year, the Committee for Scholarships presented a gift to the School of Nursing for the financial assistance program. Its \$9,000 contribution brought the total to \$82,000. This fund has aided 234 students.

The doctoral thesis of Miss Laura L. Simms, department head of surgical nursing, on "The

Hospital Staff Nurse Position as Viewed by Baccalaureate Graduates in Nursing," has led to a study concerned with the differentiation of baccalaureate and diploma graduates in relation to skill levels required for patient care.

Mrs. Frances C. Macgregor, professor of social science, presented a paper on "Implications of Social Science Knowledge for Nursing," at Walter Reed Army Institute of Research, Washington, D.C., and another, "Social and Cultural Components in the Motivation of Patients Seeking Plastic Surgery," at the Institute of Reconstructive Plastic Surgery, New York University Medical Center.

Miss Doris Schwartz, assistant professor of nursing, discussed "Overcoming Obstacles in Planning for Patient Care" at a series of one-day workshops for staff nurses from five health departments participating in the Ohio continuity-of-nursing-care project.

Miss Eleanor Frany, assistant professor of nursing, mental health, conducted an extended study in the Out-Patient Department on the desirability of a nurse interviewing patients having behavior problems and the possibility of referring them to mental health facilities. The objective was to help patients recognize relationships between the physical and emotional feelings which bring them back repeatedly to the Out-Patient Department.

Field experience was given to 20 graduate nurses from masters' programs at Columbia University's Teachers College, St. John's University and the University of Buffalo. The great need for better prepared nursing administrators, clinical specialists and teachers stamps this service as an important part of hospital teaching.

The 1963 revision in the Cornell University-New York Hospital School of Nursing curriculum was most beneficial to the Hospital. By providing summer vacation time for the students, it enabled the Nursing Service to obtain much needed vacation relief assistance. Over 60 students worked last summer full time, in all departments except Psychiatry.



Book carts manned by volunteers annually bring 30,000 volumes to patients

REPORT OF THE WOMEN'S AUXILIARY

**Mrs. William M. Duryea,
Chairman**

The Women's Auxiliary is pleased to report a successful year. Six new members were welcomed to the board: Mrs. William M. Duryea, Jr., Mrs. W. Allston Flagg, Mrs. George Frye, Mrs. John Horne, Jr., Mrs. Joseph V. Reed, Jr., and Mrs. Lauretta Robinson.

The Thrift Shop Committee, under the chairmanship of Mrs. Harold Shattuck, has been engaged in the work necessary to move the shop's quarters from 1139 Second Avenue to 330 East 59th Street. The shop netted \$12,235.19 in 1963, from which \$6,000 was given to the Hospital's Social Service Department.

The Gift Shop, under the chairmanship of Mrs. Malcolm Smith and the management of Miss Ryde Waxter, made a net profit of \$14,585. From these profits the Social Service Department received \$5,000 and the General Fund of the Hospital was given \$6,000.

Mrs. Horace S. Baldwin, fund-raising chairman, and her committee have realized \$118,062 for the United Hospital Fund campaign.

With the cooperation of Dr. Wallace W. McCrory and Mrs. Eleanor Blumgart, a liaison committee with the Department of Pediatrics has been established and is headed by Mrs. Thomas M. Bancroft, Jr. A liaison committee with Payne Whitney Psychiatric Clinic was formed with Mrs. Flagg and Mrs. Robinson serving as co-chairmen.

Mrs. Van Vechten Burger, chairman of the nursing committee, reported that a large number of nurses took advantage of tickets donated by Mr. Donald Grant to three of the Mets baseball games. They also enjoyed trips to Rye and Jones Beach.

Mrs. Shattuck, the auxiliary's liaison with the Hospital League, composed of house staff wives, has worked closely with their chairman, Mrs. Robert MacLean. Every fall the league welcomes wives of new residents, interns and students at a tea. The auxiliary's dance for

the league and house staff has become an annual event, held near the beginning of the year.

The play area continues to provide pleasure and outdoor facilities for the young mothers and their children. Located on the roof of the house staff residence, this area is the only one of its kind among hospitals in New York City.

The auxiliary notes with sincere regret the resignations as committee chairmen of Mrs. William Woodward, Mrs. Langdon Marvin and Mrs. Russell Cecil. Mrs. Woodward had been chairman of the patient's library for many years. Last summer, the library circulated 6,865 books as well as cards and game boards to patients. Mrs. Marvin for many years had been chairman of the nominating and membership committee and Mrs. Cecil was chairman of the Thrift Shop. The auxiliary expresses its appreciation for their untiring efforts and valuable guidance.

Mrs. Thor Thors has succeeded Mrs. Woodward and Mrs. John T. Pratt, Jr., is chairman of the nominating committee.

The interest and support of members of the auxiliary and the cooperation and splendid work of the committee chairmen and vice-chairmen have made 1963 a year of achievement for the auxiliary.



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1964

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Kenneth H. Hannan
Mrs. Nathaniel P. Hill

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Louis M. Loeb
Jean Mauzé
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PROFESSIONAL STAFF

The following doctors served during all or part of the year 1963:

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Arthur F. Anderson, M.D., *Pediatrics*
 Horace S. Baldwin, M.D., *Medicine*
 Irvin Balensweig, M.D., *Orthopedics*
 David P. Barr, M.D., *Medicine*
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 Cary Eggleston, M.D., *Medicine*
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 Connie M. Guion, M.D., *Medicine*
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Helen Harrington, M.D., *Pediatrics*
 Hedwig Koenig, M.D., *Pediatrics*
 Samuel Z. Levine, M.D., *Pediatrics*
 George M. Lewis, M.D., *Medicine*
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 Allister M. McLellan, M.D., *Urology*
 William F. Macfee, M.D., *Surgery*
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 Paul Reznikoff, M.D., *Medicine*

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 Philip M. Stimson, M.D., *Pediatrics*
 Edward Tolstoi, M.D., *Medicine*
 Lewis C. Wagner, M.D., *Orthopedics*
 Charles A. Weymuller, M.D., *Pediatrics*
 May G. Wilson, M.D., *Pediatrics*
 Philip D. Wilson, M.D., *Orthopedics*

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 Walsh McDermott, M.D.
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 William T. Foley, M.D.
 Constance Friess, M.D.
 Susan J. Hadley, M.D.
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 Edward W. Hook, Jr., M.D.
 B. H. Kean, M.D.
 Edwin D. Kilbourne, M.D.
 Henry B. Kirkland, M.D.
 Daniel S. Lukas, M.D.

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 Ellen McDevitt, M.D.
 Mary Ann Payne, M.D.
 Ralph E. Peterson, M.D.
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 William C. Robbins, M.D.
 Marvin H. Sleisenger, M.D.
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 David D. Thompson, M.D.
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 Susan T. Carver, M.D.
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 Denton S. Cox, M.D.
 Marion Davis, M.D.
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* Died May 14, 1963

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Virginia Werden, M.D.

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Goetz W. Richter, M.D.

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Richard M. Torack, M.D.

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Merton R. Bernfield, M.D.
David R. Fleisher, M.D.
Herman M. Frankel, M.D.
Leonard Glass, M.D.
Madeline Klein, M.D.

Luther B. Lowe, M.D.
George H. McCracken, Jr., M.D.
Donald C. McLean, M.D.
Frank N. Medici, M.D.
Kurt Metzl, M.D.
James W. M. Owens, M.D.
William J. Peter, M.D.
Irwin Rappaport, M.D.
Rachelle N. Remen, M.D.
John W. Schieffelin, M.D.
William T. Seed, M.D.
Josef Soloway, M.D.
Frances F. Stuart, M.D.

Kytja K. Voeller, M.D.
Alan A. Wanderer, M.D.
Alvin S. Yusin, M.D.
Richard M. Zakheim, M.D.

INTERNS

Theodore M. Ginsberg, M.D.
Robert L. Kandell, M.D.
John H. Krikorian, M.D.
Alfred L. Scherzer, M.D.
Kenneth Tuerk, M.D.

PSYCHIATRY

RESIDENT

Alden E. Whitney, M.D.

ASSISTANT RESIDENTS

Gene M. Abrams, M.D.
Harvey H. Barten, M.D.
Llewellyn B. Bigelow, M.D.

Marvin B. Blitz, M.D.
Marc H. Branchey, M.D.
Raymond C. Bristol, M.D.
James W. Brown, M.D.
Robert M. Daly, M.D.
Robert M. Duguay, M.D.
Herbert H. Glasberg, M.D.

Daniel J. O'Connell, M.D.
Richard M. Sallick, M.D.
James H. Spencer, Jr., M.D.
Melvin J. Steinhart, M.D.
Richard T. Suchinsky, M.D.
Zebulon C. Taintor, M.D.
Charles N. Taylor, M.D.

RADIOLOGY

RESIDENTS

Robert G. Bernstein, M.D.
Anthony S. Calabrese, M.D.
Edward F. Danielski, Jr., M.D.
Martin J. Edelman, M.D.
Wellum Frivold, M.D.
James H. Glenn, M.D.
Thomas L. March, M.D.

Milton Raben, M.D.
Fred K. Sondheimer, M.D.
Gary E. Swanson, M.D.
Donald A. Tobias, M.D.
Herbert Toch, M.D.

ASSISTANT RESIDENTS

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Frederick S. Erdman, Jr., M.D.
James P. Flynn, M.D.
William B. Goldstein, M.D.
Lincoln Lum, M.D.
Sumner Alan Savitz, M.D.
Paul A. Urffer, M.D.
Nancy S. Wehner, M.D.
Patricia H. Winchester, M.D.
Richard D. Wolfe, M.D.

SURGERY

RESIDENTS

Leon I. Block, M.D. (Plastic Surgery)
C. Elton Cahow, Jr., M.D.

Edward J. Carey, Jr., M.D.
(Orthopedics)
Julius Conn, Jr., M.D.

Arnold G. Diethelm, M.D.
Joseph P. Dineen, M.D.
Charles B. Dunaif, M.D.
(Plastic Surgery)

HOUSE STAFF—Continued

RESIDENTS—Continued

Roger R. Ecker, M.D.
 John T. Flynn, M.D. (Ophthalmology)
 Charles F. Frey, M.D.
 Thomas M. Fulcher, M.D.
 Anthony G. Gristina, M.D.
 (Orthopedics)
 Raymond-Marie Guay, M.D.
 (Otolaryngology)
 Maury L. Hanson, M.D. (Neurosurgery)
 Kamal T. Hemady, M.D. (Urology)
 Eugene M. Lance, M.D. (Orthopedics)
 Raynald Lavoie, M.D. (Otolaryngology)
 Frank S. LePera, D.D.S.
 (Oral Surgery, Dentistry)
 Charles K. McSherry, M.D.
 Spiro N. Mason, D.D.S.
 (Oral Surgery, Dentistry)
 Frank G. Moody, M.D.
 Donald E. Pizar, M.D. (Orthopedics)
 James W. Preuss, M.D. (Neurosurgery)
 George D. Rovere, M.D. (Orthopedics)
 George P. Santos, M.D.
 (Ophthalmology)
 Robert S. Siegel, D.D.S.
 (Oral Surgery, Dentistry)
 Roger Telmosse, M.D. (Otolaryngology)
 Theodore E. Trelowski, D.D.S.
 (Oral Surgery, Dentistry)
 John R. Woodard, M.D. (Urology)
 Philip A. Zetterstrand, M.D.
 (Otolaryngology)

ASSISTANT RESIDENTS

Donald W. Abel, M.D.
 Joel B. Adler, M.D. (Orthopedics)
 John C. Alden, M.D. (Ophthalmology)
 James W. Asaph, M.D.
 Arthur M. Auerbach, M.D.
 John V. Banta, M.D.
 Richard A. Baragry, M.D.
 (Ophthalmology)

Kenneth R. Barasch, M.D.
 (Ophthalmology)
 Bryant Barnard, M.D.
 Arthur R. Beil, Jr., M.D.
 Carl M. Beiles, M.D.
 Richard M. Bergland, M.D.
 (Neurosurgery)
 Arthur L. Boland, Jr., M.D.
 George V. Burkholder, M.D.
 Joel A. Clark, Jr., M.D. (Urology)
 Gerald T. Cook, M.D. (Urology)
 Armand F. Cortese, M.D.
 John P. Donohue, M.D.
 John T. Fisher, M.D. (Ophthalmology)
 Eugene S. Flamm, M.D.
 Katharine M. Fussell, M.B., Ch.B.
 (Orthopedics)
 Joseph W. Gray, M.D. (Otolaryngology)
 George D. Griffin, M.D. (Orthopedics)
 Randolph H. Guthrie, Jr., M.D.
 Julian T. Hoff, M.D.
 Vincent M. Hogan, M.D.
 (Plastic Surgery)
 Brent J. Holleran, M.D.
 Robert H. Horne, M.D.
 O. Adrian Johnson, M.D.
 Warren W. Koontz, Jr., M.D. (Urology)
 Ralph J. Lewis, M.D.
 Melvin G. Lund, M.D.
 William P. McCann, M.D.
 J. Bruce McGovern, M.D.
 J. Ralph Macfarlane, M.D.
 Richard G. Middleton, M.D. (Urology)
 Thomas H. Milhorat, M.D.
 Edward Carl Muecke, M.D. (Urology)
 Robert J. Neviaser, M.D.
 S. Kirby Orme, M.D.
 Federico Ortiz, M.D. (Urology)
 Benjamin S. Park, Jr., M.D.
 John M. Pitman, Jr., M.D.
 James D. Prokop, M.D. (Neurosurgery)
 J. Richard Rees, M.D.
 Christos Romas, M.D.

Nicholas A. Romas, M.D.
 Isam Sakati, M.D. (Urology)
 Real Sasseeville, M.D. (Otolaryngology)
 John C. Schiebler, M.D.
 Robert P. Sengelmann, M.D.
 John H. Seward, M.D.
 John M. Stein, M.D.
 William T. Stubenbord, M.D.
 Kenneth G. Swan, M.D.
 Robert E. Sweat, Jr., M.D.
 H. Kirk Watson, M.D. (Orthopedics)
 Dean H. Weaver, M.D.
 William A. White, M.D.
 Eric K. Zitzmann, M.D.
 Philip H. Zweifach, M.D.
 (Ophthalmology)

INTERNS

Robert B. Caplan, M.D.
 Charles W. Carpenter, M.D.
 Robert E. Cline, M.D.
 Richard M. Ehrlich, M.D.
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 Richard H. McShane, M.D.
 Holland V. Moore, M.D.
 Ernest A. Norehad, M.D.
 Stephen C. Padar, M.D.
 Herbert S. Perry, M.D.
 John R. Richardson, Jr., M.D.
 Dwight M. Rost, M.D.
 Arthur M. Smith, M.D.
 Edward D. Spire, D.D.S.
 (Oral Surgery, Dentistry)
 Martin T. Stern, D.D.S.
 (Oral Surgery, Dentistry)
 Garrett R. Tucker III, M.D.
 Thomas L. Tuttle, M.D.
 Seth M. Weingarten, M.D.
 Kuhr Wieneke, Jr., M.D.
 Steven I. Woodrow, M.D.
 F. Darwin Zahn, M.D.

DEFENSE SERVICE ROLL

Arthur M. Auerbach, M.D. (U.S. Navy)
 Arthur L. Boland, Jr., M.D. (U.S. Army)
 William R. Hazzard, M.D. (U.S. Navy)
 Bernard A. Heckman, M.D. (U.S. Army)

Robert H. Horne, M.D. (U.S. Air Force)
 Christos Romas, M.D. (U.S. Air Force)
 John C. Scheibler, M.D. (U.S. Army)
 Robert P. Sengelmann, M.D. (U.S. Navy)

Thomas L. Tuttle, M.D. (U.S. Navy)
 F. Darwin Zahn, M.D. (U.S. Army)
 Eric K. Zitzmann, M.D. (U.S. Navy)

NURSING SERVICE

DIRECTOR OF NURSING SERVICE

Muriel R. Carbery

ASSOCIATE DIRECTOR OF NURSING SERVICE

Edna E. Tuffley

DEPARTMENT HEADS—(CLINICAL NURSING)

Elizabeth Brooks (Medicine)
 Laura L. Simms (Surgery)

Dorothy Ellison (Operating Room)
 Julia Dennehy (Obstetrics and
 Gynecology)
 Trude R. Aufhauser (Pediatrics)
 M. Eva Paton (Mrs.) (Private Patients)
 Margie Warren (Out-Patient
 Department)

ADMINISTRATIVE ASSISTANTS

M. Joanna Foster (Day)

Helen V. Miller (Mrs.) (Day)
 Eleanor Young (Evening)
 Dju Ing (Mrs.) (Evening-Night)
 Elizabeth M. Simmons (Night)

DIRECTOR OF NURSING SERVICE, PAYNE WHITNEY PSYCHIATRIC CLINIC

Eleanor J. Muhs

Auditors' Opinion

ARTHUR ANDERSEN & CO.

80 Pine Street
New York 5

TO THE BOARD OF GOVERNORS,
THE SOCIETY OF THE NEW YORK HOSPITAL:

We have examined the balance sheet of The Society of the New York Hospital (a charitable corporation organized in New York in 1771) as of December 31, 1963, and the related statements of income and changes in capital for the year then ended. Our examination was made in accordance with generally accepted auditing standards, and accordingly included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

In our opinion, the accompanying balance sheet and statements of income and changes in capital present fairly the financial position of The Society of the New York Hospital as of December 31, 1963, and the results of its operations for the year then ended, in conformity with generally accepted accounting principles applied on a basis consistent with that of the preceding year.

ARTHUR ANDERSEN & Co.

New York, N.Y.,
April 17, 1964.

THE SOCIETY OF THE NEW YORK HOSPITAL

Balance Sheet — December 31, 1963

ASSETS

CASH:

General Fund (including \$79,694 in savings accounts)	\$ 488,069	
Restricted funds (including \$8,556,094 in savings accounts)	9,382,300	\$ 9,870,369

ACCOUNTS RECEIVABLE:

Patients, less reserve of \$1,120,269	\$ 5,414,822	
Other current receivables	619,593	6,034,415

INVENTORIES (At cost), PREPAID EXPENSES AND DEFERRED CHARGES		1,646,642
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INVESTMENTS:

Marketable securities (quoted market prices \$28,537,625) at cost—			
General fund	\$ 447,184		
Restricted funds	19,288,497	\$19,735,681	
Nonmarketable securities, at stated contributed value—			
Restricted funds		5,004,876	
Real estate, mortgages, etc., at cost—			
General fund	\$ 653,769		
Restricted funds	2,059,715	2,713,484	27,454,041

PLANT AND PROPERTY (Note 1):

Land, buildings and equipment	\$51,825,426		
Less—Accumulated depreciation	21,951,290	\$29,874,136	
Deduct—5½% mortgage payable		1,845,279	28,028,857
			<u>\$73,034,324</u>

LIABILITIES AND CAPITAL

LIABILITIES:

Accounts payable	\$ 1,221,997
Accrued liabilities	496,058
Temporary funds for special purposes	842,591
	<u>\$ 2,560,646</u>

CAPITAL (Including restricted and plant funds of \$63,764,245)

(Notes 3, 4 and 5)	70,473,678
	<u>\$73,034,324</u>

The accompanying notes to financial statements are an integral part of this balance sheet.

THE SOCIETY OF THE NEW YORK HOSPITAL

Statement of Income

For the Years Ended December 31, 1963 and 1962

	Year Ended December 31	
	1963	1962
OPERATING INCOME:		
Care of patients	\$22,553,703	\$20,410,990
Retroactive adjustments received from Associated Hospital Service (Note 3) ..	426,076	257,297
Other	1,690,180	1,649,154
Total	\$24,669,959	\$22,317,441
OPERATING, RESEARCH AND EDUCATION EXPENSES:		
Household and property operation	\$ 4,694,514	\$ 4,427,753
Nursing	9,844,267	9,056,186
Other professional services	5,232,579	4,437,778
Nutrition	2,873,213	2,641,330
Hospital's portion of joint budget shared with Cornell University Medical College	553,045	473,824
Administrative and general	3,692,934	3,261,707
Provision for employees' retirement plan	332,455	242,871
Provision for depreciation	1,000,148	743,728
Total	\$28,223,155	\$25,285,177
Operating loss	\$ 3,553,196	\$ 2,967,736
INCOME FROM INVESTMENTS AND CHARITABLE TRUSTS	1,222,280	1,223,209
Deficit for the year before current contributions ..	\$ 2,330,916	\$ 1,744,527
CURRENT CONTRIBUTIONS:		
Amounts designated for special purposes and for psychiatric divisions	\$ 761,239	\$ 891,848
Distributions from the United Hospital Fund and The Greater New York Fund	261,702	257,202
Appropriation from the Fund for Medical Progress (Note 4)	800,000	800,000
	\$ 1,822,941	\$ 1,949,050
Less—Amounts designated for special purposes	662,486	799,529
Net current contributions	\$ 1,160,455	\$ 1,149,521
Net deficit for the year (Note 3)	\$ 1,170,461	\$ 595,006

The accompanying notes to financial statements are an integral part of this statement.

THE SOCIETY OF THE NEW YORK HOSPITAL

Statement of Changes in Capital

For the Year Ended December 31, 1963

BALANCE, December 31, 1962		\$66,741,405
ADD:		
Amounts designated for, or allocated to, the Fund for Medical Progress (Note 4) (including income on invested funds of \$194,777)	\$3,941,703	
Less—Appropriation to General Fund	800,000	3,141,703
Restricted legacies and capital gifts		1,256,339
Gain on sales of securities (net)		468,186
Miscellaneous		36,506
		\$71,644,139
DEDUCT—Net deficit for the year		1,170,461
BALANCE, December 31, 1963 (Notes 3 and 5)		<u>\$70,473,678</u>

The accompanying notes to financial statements are an integral part of this statement.

THE SOCIETY OF THE NEW YORK HOSPITAL

Notes to Financial Statements

December 31, 1963

- (1) The balances in the plant and property accounts of the Society at December 31, 1963, are set forth below (Payne Whitney Psychiatric Division plant and property represents a Restricted Plant Fund):

	Gross Amount	Accumulated Depreciation	Net Amount
BUILDINGS:			
New York Division, at cost (*)	\$17,557,468	\$ 5,586,273	\$11,971,195
Payne Whitney Psychiatric Division, at cost	1,718,422	725,358	993,064
Westchester Division, at values as appraised by the Society at December 31, 1949, plus subsequent additions at cost	5,531,672	3,553,004	1,978,668
	<u>\$24,807,562</u>	<u>\$ 9,864,635</u>	<u>\$14,942,927</u>
BUILDING FIXTURES AND EQUIPMENT, AT COST:			
New York Division (*)	\$19,704,978	\$10,027,996	\$ 9,676,982
Payne Whitney Psychiatric Division	1,219,030	1,043,513	175,517
Westchester Division	2,625,744	1,015,146	1,610,598
	<u>\$23,549,752</u>	<u>\$12,086,655</u>	<u>\$11,463,097</u>
LAND, AT ASSESSED VALUES AT DECEMBER 31, 1943, PLUS SUBSEQUENT ADDITIONS AT COST:			
New York Division (*)	\$ 2,247,583	\$ —	\$ 2,247,583
Payne Whitney Psychiatric Division	190,350	—	190,350
Westchester Division	1,030,178	—	1,030,178
	<u>\$ 3,468,111</u>	<u>\$ —</u>	<u>\$ 3,468,111</u>
Medical School buildings, at nominal value	\$ 1	\$ —	\$ 1
	<u>\$51,825,426</u>	<u>\$21,951,290</u>	<u>\$29,874,136</u>

- (*) The land, building and building fixtures of the house staff residence, which are included above at a total of \$2,061,505, net of accumulated depreciation, are pledged to secure the 5½% mortgage payable of \$1,845,279. The mortgage is payable in quarterly installments to November 1, 1991.
- (2) The actuarially determined pension fund requirements, including past service costs, at December 31, 1963 under the Employees' Retirement Plan are \$736,000 in excess of the net assets of the Employees' Retirement Plan Trust (on the basis of quoted market prices for securities held by the Trust). A similar determination regarding the joint budget pension fund concluded that requirements were \$445,000 in excess of the net assets of that fund. The estimated annual cost of these plans to the Society is \$375,000 including amortization of unfunded past service costs of \$59,000. The net assets of such trusts are not included in the accompanying financial statements.
- (3) The Society received retroactive adjustments from Associated Hospital Service of \$426,076 in 1963 and \$257,297 in 1962 covering insured patients admitted during the calendar years 1962 and 1961, respectively. Approximately \$500,000 in retroactive adjustments are expected in 1964 for patients admitted in 1963, which amount has not been reflected in the accompanying financial statements.
- (4) The Fund for Medical Progress is a joint fund raising campaign with Cornell University Medical College for capital and endowment needs of The New York Hospital-Cornell Medical Center. Contributions received by the Society, and allocations to the Fund, together with earnings thereon totaled \$18,208,000 since inception of the Fund to December 31, 1963, and are included in restricted and plant capital. Gifts totaling \$1,130,000 of the above amount will be allocated between the Society and Cornell University Medical College on a basis to be agreed upon.
- At December 31, 1963, unpaid pledges to the Society of \$3,947,000 have not been recorded in the accounts.
- During 1963, undesignated contributions and unrestricted legacies received by the New York Hospital Division (\$761,000) have been added to the Fund for Medical Progress. The Board of Governors has appropriated \$800,000 during 1963 and \$800,000 during 1962 (included in Statement of Income) to compensate the General Fund for current gifts it might have received if the Fund for Medical Progress campaign were not in progress.
- (5) The Society is the beneficiary of bequests and gifts under various wills and trusts, etc., the realizable amounts of which are not presently determinable.

ENDOWED BEDS

- 1886 Robert Livingston Gerry
- 1901 Anna Peabody Wainwright. *In Memory of John Tillotson Wainwright*
- 1902 Margaret J. Plant. *In Memory of her brother, Simon Loughman*
- 1903 Nathaniel Whitman
- 1904 Howard Willets. *In Memory of his son, Jack Willets*
- 1904 Harriette M. Arnold. *St. George Bed, Hicks Arnold*
- 1905 Maria L. Campbell. *In Memory of Duncan Pearsall Campbell, Governor 1818-1827*
- 1906 Mr. and Mrs. Henry F. Shoemaker. *In Memory of their son, William Brock Shoemaker*
- 1907 Catherine L. R. Catlin. *In Memory of her brother, N. W. Stuyvesant Catlin*
- 1908 Kate Fearing Welman. *In Memory of her father, Charles Edward Strong*
- 1909 Fanny A. Haven. *In Memory of her husband, George Griswold Haven*
- 1909 Joel S. Mason. *In Memory of his parents, Joel Whitney Mason and Mary Elizabeth Mason*
- 1909 Elizabeth M. Bliss
- 1910 Elizabeth Fisher King. *In Memory of her husband, Edward King, who died in 1908*
- 1912 Ella R. DeWitt. *In Memory of her husband, George Gosman DeWitt*
- 1912 Catherine E. Daly
- 1913 Harrison E. Gawtry. *In Memory of his wife, Louise Brown Gawtry*
- 1914 Frank Hartley
- 1915 Annie L. Morris. *In Memory of her husband, Fordham Morris, who died in 1909*
- 1916 Benjamin Robert Winthrop. *In Memory of his father, Benjamin Robert Winthrop*
- 1919 Webb Institute of Naval Architecture
- 1920 Adelaide Foltz Chapman. *In Memory of her father, William Stewart Foltz*
- 1922 Ellen C. Harris. *In Memory of George W. Harris*
- 1922 Adelina M. Cramer. *In Memory of her brother, J. William Husemeyer*
- 1922 Augusta I. Scott
- 1922 Mary A. FitzGerald
- 1922 Minetta C. Howenstine. *The Howenstine Beds*
- 1923 Marion Cutting
- 1923 Mary A. FitzGerald
- 1924 Lena Cadwalader Evans. *In Memory of her grandfather, Israel Corse, a former Governor of this Hospital, and his daughter, Lena Burr Corse Evans*
- 1924 William G. DeWitt. *In Memory of his brother, Theodore DeWitt*
- 1925 William P. Wainwright. *In Memory of his father, William P. Wainwright*
- 1925 William P. Wainwright. *In Memory of his mother, Cornelia R. Wainwright*
- 1925 Mr. and Mrs. Gilbert Edward Jones. *In Loving and Thankful Memory of Elizabeth Ingersoll Haven*
- 1926 Kate Bainbridge Murray. *In Memory of her brother, Thomas E. Deeley*
- 1927 Theresa R. Irving. *In Memory of her parents, John Brodhead Beck, M.D. and Anne Sands Tucker Beck*
- 1927 Theresa R. Irving. *In Memory of her husband, Cortlandt Irving, her brother, Fanning Cobham Tucker Beck, and her sister, Annie M. Tucker Beck*
- 1927 Emily Stewart Waller. *In Memory of her father, John Aikman Stewart*
- 1927 Charles H. Wainwright. *In Memory of his brother, William P. Wainwright*
- 1927 Alfonso De Navarro
- 1928 Mr. and Mrs. Howland Pell. *In Memory of their son, Howland Gallatin Pell*
- 1928 Almy Gallatin Pell. *In Memory of her father and mother, Frederic and Almy G. Gallatin*
- 1928 Mr. and Mrs. Edward Lathrop Ballard
- 1928 Mrs. Henry James. *In Memory of her cousin, McEvers Bayard Brown*
- 1929 Arthur H. Herschel. *In Memory of his mother, Grace Darling Herschel*
- 1929 Peter F. Meyer
Lizzie O. Meyer
- 1930 Mary L. Walker Peters. *The Charles Grenville Peters Bed*
- 1933 William James Boucher. *In Memory of his father and mother, John and Lydia Lawrence Boucher*
- 1934 Jean Brown Jennings. *In Memory of her husband, Walter Jennings*
- 1934 Oliver Burr Jennings, Jeanette Jennings, Taylor, Constance Jennings Ely. *In Memory of their father, Walter Jennings*
- 1934 Mary Isabella Meek
- 1936 Mrs. Thomas Williams, Thomas R. Williams, Mrs. Dorcas W. Ferris, Mrs. Edith S. Blydenburg. *In Memory of Thomas Williams*
- 1939 Katherine Grace Snyder
- 1939 Arthur H. Herschel. *In Memory of his wife, Sarah Frances Herschel*
- 1939 Veronica Brown Brophy. *In Memory of her father, George B. Brown, a builder of this Hospital*
- 1939 Edith Haggin De Long. *In Loving Memory of her son, James Ben Ali Haggin Lounsbery*
- 1940 Edith Lounsbery Worden. *In Loving Memory of her mother, Edith Haggin De Long*
- 1940 John A. Stewart
- 1940 Mary T. Sheldon
- 1941 Patients and Friends. *In Memory of William R. Williams, M.D., Attending Physician 1912-1932*
- 1942 Ballard Memorial Bed
- 1943 The Pleasant Valley Mills Bed
- 1943 Josiah Locke Webster

ENDOWED BEDS—*Continued*

- | | |
|--|---|
| 1943 Robert Winthrop | 1954 John Jay (1875-1928) Memorial Bed |
| 1944 Anonymous, <i>The Cayuga Bed</i> | 1955 The Marc Eidlitz Bed |
| 1944 Howard Gould and Margarete M. Gould | 1955 Col. John C. C. Thornton Family |
| 1945 Augusta de Peyster. <i>In Memory of her sister, Frances de Peyster</i> | 1956 Mary E. Cumming. <i>In Loving Memory of father, mother, brothers and sisters</i> |
| 1945 Julia Noyes de Forest. <i>In Memory of her husband, Henry W. de Forest</i> | 1956 Dessie Greer |
| 1945 Julia Noyes de Forest. <i>In Memory of her sons, Henry W. de Forest and Charles Noyes de Forest</i> | 1956 Eugenie M. L. Garchery |
| 1947 Mrs. Leland Eggleston Cofer. <i>In Loving Memory of Lucy Chauncey</i> | 1956 The Pleasant Valley Mills Bed, II |
| 1948 Martha B. and William Fraser | 1957 Mathilde S. Sterne. <i>In Memory of Simon Sterne</i> |
| 1948 Rosetta F. Sachs. <i>In Memory of Max Kaskel</i> | 1957 Marie Stewart. <i>In Memory of Virginia Stewart</i> |
| 1949 William Kirk Memorial Bed | 1958 Marjorie Hard |
| 1949 Macy Mutual Aid Association | 1958 <i>In Memory of Henry Nathan, 1852-1922</i>
<i>Dedicated by his son, Garfield Arthur Nathan</i> |
| 1949 Louise M. Griffin. <i>In Memory of her mother, Pauline Pryibil Hoffmann</i> | 1958 <i>In Memory of Tillie Burgauer Nathan, 1862-1933.</i>
<i>Dedicated by her son, Garfield Arthur Nathan</i> |
| 1950 The Edward L. Cussler Memorial Bed | 1958 The Katherine Grace Snyder Bed |
| 1950 G. Beekman Hoppin Memorial Bed | 1959 <i>In Loving Memory of Ivan Henning Wichfeld</i> |
| 1951 The Dillon Fund | 1961 Alice McIntire Fay Memorial Bed |
| 1953 Max Rice | 1963 Mr. and Mrs. Edgar Seldon Bloom. <i>In Memory of Mrs. Bloom's parents, James Boyle Wallace and Fannie McKeon Wallace</i> |
| | 1963 Cedric Alywin Major |

LEGACIES — 1963

- | | |
|--|-----------------------------------|
| Annie M. Bell Trust u/w Louis V. Bell | Esther Kobak Trust u/w Jack Kobak |
| Estate of May Gladys Wallace Bloom | Estate of Carl Lang |
| Estate of Adelaide T. Corbett | Estate of Isidor Libowitz |
| Estate of Hazel Hopkins Ford | Estate of Herman Raabe |
| Frankie P. Hemphill Trust u/w Jeremiah Beall | Estate of Samuel Rubin |
| Anne King Howe Trust u/w Winona King Perin | Estate of Edna Lowenstein Wolff |
| Estate of Olivia James | |

DONORS TO THE SOCIETY OF THE NEW YORK HOSPITAL — 1850-1963

*Of Sums of Not Less Than Ten Thousand Dollars **

Simeon Abrahams
In Memory of Maj. Gen Julius Ochs Adler
 Douglas H. Alexander
 Helen D. Alexander
 Vivian B. Allen Foundation
 (For Nursing Scholarships)
 John Alstyne
 Noah W. Amdur
 Elizabeth Milbank Anderson
 Philip D. Armour
 Harriette M. Arnold
 Mrs. Max Ascoli
 Association for the Aid of
 Crippled Children
 John J. Astor
 Vincent Astor
 Lemuel Ayers Cancer Research Fund

 Robert Bacon
In Memory of Harold S. Baird
 George F. Baker
 George F. Baker, Jr.
 The George F. Baker Charity Trust
 Mr. and Mrs. Edward L. Ballard
 Matilda C. Bamberger
 Ellen Josephine Banker
 Henry G. Barbey
 Henry I. Barbey
 Walter Bareiss
 The Barker Welfare Foundation
 The Mary W. Barr Memorial Fund
 Bernard M. Baruch
 Joseph Battell
 Howard Bayne
 Jeremiah Beall
 Charles Bathgate Beck
 The Beekman Family Association
 Gerard Beekman
 Harry Belafonte
 Irving Berlin Charitable Fund, Inc.
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Annual Report for 1963

Appendix—Statistics

(Except where so stated, statistics of the Payne Whitney Psychiatric Clinic and the New York Hospital-Westchester Division have not been included.)

I. Distribution of Beds, December 31, 1963

Pavilion (Ward)	No. of Beds	Semi-Private	No. of Beds
Medicine	145	Two-Bed Baker	63
Surgery	124	Medical and Surgical	179
Urology	26	Urology	25
Accident and Emergency	10	Obstetrics and Gynecology	59
Obstetrics and Gynecology	114	Pediatrics	17
Pediatrics	107	Bassinets	31
Bassinets	58		
Total Pavilion (Ward)	584	Total Semi-Private	374
Private		Payne Whitney Psychiatric Clinic	106
Main Hospital	115	Total New York City	1,226
Obstetrics and Gynecology	26	The New York Hospital—Westchester	
Pediatrics	5	Division	350
Bassinets	16		
Total Private	162		1,576

II. In-Patient Statistics

(a) Patients Treated by Services (Admissions include Internal Transfers):

	1963			1962		
	Patients Admitted	Patient Days	% Occupancy	Patients Admitted	Patient Days	% Occupancy
Pavilion (Ward)						
Medical	2,357	46,630	88.1	2,324	46,026	87.0
Surgical	4,157	42,261	86.4	3,833	41,969	85.8
Urological	645	8,800	92.7	651	8,513	89.7
Obstetrical and Gynecological	3,692	24,401	58.6	3,755	26,316	63.2
Pediatrics	2,150	27,579	68.5	2,114	28,175	68.9
Total	13,001	149,671	77.5	12,677	150,999	78.8
Newborn	2,303	11,834	55.9	2,478	13,263	62.6
Total Pavilion (Ward)	15,304	161,505	75.3	15,155	164,262	77.3
Private						
Main Hospital	2,883	39,008	92.9	2,828	37,809	90.1
Obstetrical and Gynecological	1,341	8,071	85.0	1,342	8,401	88.5
Pediatrics	251	1,652	90.5	242	1,453	79.6
Total	4,475	48,731	91.4	4,412	47,663	89.4
Newborn	732	4,021	68.9	740	4,091	70.1
Total Private	5,207	52,752	89.2	5,152	51,754	87.5
Semi-Private						
Two-Bed Baker	1,409	21,388	93.0	1,350	21,553	93.7
Main Hospital	6,026	62,145	83.5	5,823	60,355	81.5
Obstetrical and Gynecological	3,517	18,392	85.4	3,703	19,907	92.4
Pediatrics	479	4,476	89.7	394	3,910	89.3
Total	11,431	106,401	86.0	11,270	105,725	86.0
Newborn	1,533	7,425	65.6	1,591	7,895	69.8
Total Semi-Private	12,964	113,826	84.3	12,861	113,620	84.6
Total Pavilion, Private and Semi-Private	28,907	304,803	82.3	28,359	304,387	82.7
Total Newborn	4,567	23,280	60.7	4,809	25,249	65.9
Total	33,474	328,083	80.3	33,168	329,636	80.7
Payne Whitney Psychiatric Clinic	257	32,855	84.9	294	31,806	82.2
The New York Hospital-Westchester Division	314	105,573	83.2	347	111,098	86.7
Grand Total	34,045	466,511		33,809	472,540	

Annual Report for 1963

III. Ambulatory Patients

(Including Payne Whitney Psychiatric Clinic and Westchester Division)

(a) Out-Patient Department Statistics:

Summary of Patients Treated:	1963	1962
New Patients Treated	15,620	15,383
Old Patients Treated	27,304	25,573
Total Patients Treated	42,924	40,956
Visits	221,833	220,469
Clinic Days	253	253
Average Visits per Clinic Day	877	871
Average Visits per Patient	5.2	5.4

Comparative Attendance Statistics

	New Admissions		Total Patients		Total Visits	
	1963	1962	1963	1962	1963	1962
Allergy	57	49	705	714	7,285	7,191
Cardiology	79	57	828	722	3,396	3,228
Endocrine	78	76	908	815	3,315	3,471
Gastroenterology	98	129	943	830	3,511	3,087
Hematology	35	39	503	450	2,574	2,446
Neurology	158	216	1,126	1,187	2,642	2,991
Nerve Block			1	5	2	8
Pulmonary	62	37	717	680	2,049	2,363
Dermatology	973	926	3,355	3,163	10,245	9,694
Peripheral Vascular	75	44	725	621	4,802	4,650
Total Medical Specialties	1,615	1,573	9,811	9,187	39,821	39,129
General Medicine	1,740	1,747	6,792	5,594	25,285	23,609
TOTAL MEDICAL DIVISION	3,355	3,320	16,603	14,781	65,106	62,738
Dental	574	517	2,216	1,981	5,154	4,602
Otolaryngology	929	1,024	4,037	3,886	8,609	8,825
Ophthalmology	1,009	773	5,990	4,986	15,548	13,609
Speech and Hearing	3	7	585	616	1,359	1,423
Fracture	380	371	863	807	2,477	2,323
Urology	498	462	2,851	2,641	8,166	8,975
Plastic Surgery	117	119	506	482	1,544	1,493
Varicose Veins	83	130	394	410	747	795
Total Surgical Specialties	3,593	3,403	17,442	15,809	43,604	42,045
Minor Surgery	1,276	1,255	3,660	3,566	11,190	10,981
General Surgery	1,014	1,064	3,943	4,005	11,157	12,291
TOTAL SURGICAL DIVISION	5,883	5,722	25,045	23,380	65,951	65,317
TOTAL MAIN OUT-PATIENT DEPARTMENT	9,238	9,042	41,648	38,161	131,057	128,055
Gynecology	732	743	6,881	6,592	11,924	12,806
Obstetrics	1,505	1,364	3,406	3,669	20,315	22,402
TOTAL WOMAN'S DIVISION	2,237	2,107	10,287	10,261	32,239	35,208
TOTAL PEDIATRIC DIVISION	3,678	3,753	8,839	8,153	33,576	32,261
X-Ray Therapy	25	36	150	172	2,443	2,944
Physical Therapy	27	30	273	276	2,003	2,371
TOTAL THERAPY	52	66	423	448	4,446	5,315
Nutrition	33	20	914	845	1,902	1,642
Radioactive Iodine	6	8	162	200	207	229
TOTAL NEW YORK HOSPITAL	15,244	14,996	62,273	58,068	203,427	202,710
Psychiatry (Payne Whitney)	272	258	908	905	11,831	11,223
Westchester Division	104	129	352	356	6,575	6,536
TOTAL HOSPITAL OUT-PATIENT DEPARTMENT	15,620	15,383	63,533	59,329	221,833	220,469

(b) Emergency Pavilion Statistics:

	1963	1962
Patient Visits	28,802	25,808

IV. Summary of Income and Expense*

	1963	1962
Income from Patients		
In-Patients, including		
Ambulatory	\$17,117,124	\$15,367,780
Out-Patients	941,622	913,222
Total	<u>\$18,058,746</u>	<u>\$16,281,002</u>
Cost of Patient Services		
In-Patient		
Private, including		
Ambulatory	\$ 4,826,271	\$ 4,422,488
Semi-Private	4,770,733	4,311,295
Pavilion	8,345,918	7,493,282
Total	<u>17,942,922</u>	<u>16,227,065</u>
Out-Patient	<u>2,392,950</u>	<u>2,106,242</u>
Total Cost	<u>\$20,335,872</u>	<u>\$18,333,307</u>
Deficit	<u>\$ 2,277,126</u>	<u>\$ 2,052,305</u>
In-Patients		
Average Cost Per Patient		
Day	\$ 54.38	\$ 48.99
Average Income Per		
Patient Day	<u>52.77</u>	<u>47.46</u>
Average Loss Per		
Patient Day	<u>\$ 1.61</u>	<u>\$ 1.53</u>
Out-Patients		
Average Cost Per Patient		
Visit	\$ 12.00	\$ 10.40
Average Income Per Patient		
Visit	<u>4.72</u>	<u>4.51</u>
Average Loss Per Patient		
Visit	<u>\$ 7.28</u>	<u>\$ 5.89</u>

* Computed in accordance with formula of the United Hospital Fund of New York. Expenses and average costs do not include provision for depreciation.

V. Personnel Health Statistics

	1963	1962
New York Hospital and Payne Whitney Clinic		
Personnel Health Visits	36,694	38,858
Physical Examinations	2,207	2,417
Personnel Visits to Out-Patient Department	15,850	14,843
X-ray Examinations	8,990	8,619
Laboratory Examinations	16,483	17,882
Westchester Division		
Personnel Health Visits	2,300	2,126
Physical Examinations	239	211

VI. Service Statistics

	1963	1962
a) Pathology		
Deaths	733	688
Necropsies	532	484
Per cent*	72.6	70.3

* Computed in accordance with formula of the American Medical Association.

b) Special Service		
Laboratory Examinations		
Bacteriology	81,044	68,605
Basal Metabolism	2,188	2,522
Blood Bank	103,435	102,369
Chemistry	258,950	232,724
Clinical Laboratories	260,089	242,930
Coagulation Laboratory ...	28,610	26,615
Parasitology	7,329	7,377
Serology	29,672	31,691
Radioisotope Services	2,597	2,682
Surgical Pathology	13,498	11,761
Miscellaneous	11,551	17,458
X-Ray Examinations	107,861	105,413
X-Ray Treatments	9,938	11,168
Operations	18,018	18,416
Deliveries	4,283	4,490
Electrocardiograms	24,308	23,509
Electroencephalograms	1,515	1,396
Social Service Interviews	56,442	56,096
Physical Therapy Treatments	25,604	24,287
Transfusions	13,024	12,314
Pharmacy Prescriptions	198,482	204,137
Meals Served	1,901,189	1,816,953
Record Room		
New Case Records		
Indexed and Filed	34,821	32,247
Circulation	989,595	906,454
Occupational Therapy		
Treatments		
Main Hospital	10,555	8,855
Recreational Therapy —		
Pediatrics	36,039	28,896
Laundry — Pounds	6,884,582	6,998,989

VII. Personnel as of December 31, 1963

	Number on Payroll	
	1963	1962
Ancillary and Professional Services	404	390
Nursing		
Administration	120	117
Graduate Nursing Staff	583	542
Supplementary	705	1,408
Plant Operation and Maintenance	508	486
Services and Supplies	669	650
Comptrollers Office	78	74
Corporate	23	24
Executive and Administration	21	28
Funds	10	14
Total	3,121	3,028
Payne Whitney Psychiatric Clinic	228	211
Westchester Division	583	578
Total Employees	3,932	3,817

VIII. Participants in Training Program as of December 31, 1963

	1963
House Staff	213
Nursing Students	
Affiliated, Undergraduate and Practical Nurse Students	248
X-Ray Technician Students	29
Dental Hygienist Students	15
Dietetic Interns	18
Occupational Therapist Students	0
Physical Therapist Students	22
Medical Social Work Students	3
Total	548
Payne Whitney Psychiatric Clinic House Staff	15
Westchester Division	
House Staff	24
Nursing Students	
Affiliated Undergraduates	76
Grand Total	663

INDEX TO PROFESSIONAL STAFF MEMBERS

Hyphenated numbers appearing after names show page number and column where each name appears in the Professional Staff Members List.

Abel, Donald W.	45-1	Becker, E. Lovell	37-2	Cadavid, Luis G.	38-3	Cummins, F. Mitchell.	40-2
Abel, Henriette E.	38-1	Becker, Heber W., Jr.	42-3	Cahow, C. Elton, Jr.	44-1	Cupaiuoli, Richard A.	38-1
Abel, Robert R.	38-1	Behrman, Lawrence A.	41-2	Calabrese, Anthony S.	44-1	Curran, Guido	40-1
Abello, Emilio G., Jr.	44-1	Behrman, Stanley J.	41-1	Callahan, Edward W., Jr.	43-3	Daly, Robert M.	44-2
Abrahams, Lawrence M.	42-3	Beil, Arthur R.	45-2	Callahan, Justin T.	39-1	Dangelmajer, Rudolph C.	42-2
Abroms, Gene M.	44-1	Beiles, Carl M.	45-2	Cameron, Donald J.	38-1	Daniels, Helen E.	40-1
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Adelson, Edward T.	40-2	Bell, Bertrand M.	38-3	Campbell, Rolla D., Jr.	41-2	Danielski, Edward F., Jr.	44-1
Adler, Joel B.	45-1	Bell, Jennifer J.	44-1	Carney, Edward M., Jr.	41-2	Dann, Margaret	39-1
Advocate, Seymour	37-2	Beneventi, Francis A.	42-2	Carroll, William T.	43-3	Dansareau, Jacques G.	42-3
Akselrad, Charles	43-1	Benjamin, Bry	38-1	Carmichael, Daniel E.	39-2	Davidson, Murray	39-3
Alden, John C.	45-1	Bernberg, Samuel R.	39-3	Carney, Edward M., Jr.	41-2	Davis, E. William, Jr.	39-1
Alexander, James S.	40-2	Beresford, H. Richard	43-3	Carpenter, Charles W.	45-3	Davis, Franklin	44-1
Allan, Fred H., Jr.	39-1	Bergland, Richard M.	45-2	Carpenter, Walter T.	40-1	Davis, Jeff	38-1
Almy, Thomas P.	37-1	Berkeley, Ruth P.	38-1	Carr, Henry A.	37-1	Davis, Marion	37-2
Anderson, Arthur A., Jr.	40-2	Bernfield, Merton R.	44-1	Carrier, Thomas C.	44-1	de Alvarado, Lois B.	40-2
Anderson, Arthur F.	37-1	Bernstein, Robert G.	44-1	Carroll, William T.	43-3	Deans, Robert D.	42-2
Anderson, Gerald G.	44-1	Bernsten, Carl A.	37-2	Carson, Robert S.	40-2	de Camacho, Ruth W.	40-2
Anderson, William A.	38-1	Bhangananda, Pensri	40-1	Carver, James C., Jr.	38-3	Deep, Anthony A.	39-2
Antoville, Anthony A.	38-1	Bienenstock, Harry	38-3	Carver, Susan T.	37-2	de Gara, Paul F.	37-2, 39-1
Applebaum, Jacob	42-2	Bigelow, Llewellyn B.	44-1	Cassell, Eric J.	38-1	Degnan, Robert D.	44-2
Arboit, Joan M.	44-1	Billo, Otto E.	39-3	Cecil, Russell L.	37-1	Deitrick, John E.	37-1
Arce, A. Anthony	40-3	Bippart, Charles H., Jr.	39-2	Celiani, Charles I.	40-2	Delaney, John R.	42-2
Archibald, Kenneth C.	37-2, 38-1	Birnbaum, Stanley J.	39-2	Cerulli, Remo R.	40-2	De Martino, Anthony	38-1
Arcuri, Joseph	40-3	Biron, Pierre	38-3	Chapman, Antoine	38-3	De Mayo, Alan P.	39-3
Arditi, Lucien L.	37-2	Blitz, Marvin B.	44-2	Charash, Leon I.	40-1	de Nesnera, Peter	38-1
Arky, Albert M.	40-2	Block, Leon I.	44-1	Chaves, Aaron D.	37-2	Dennen, Edward H.	37-1
Armistead, George C., Jr.	37-1	Boddy, Francis A.	38-3	Chilman, John H.	40-3	Des Prez, Roger M.	38-1
Arnold, William D.	42-2	Boland, Arthur L., Jr.	45-2	Christenson, William N.	37-2	Deutscher, Robert N.	43-3
Artusio, Joseph F., Jr.	37-1	Bontecou, David C.	39-3	Chlu, Foen B.	38-1	Diamond, Monroe T.	38-1
Asaph, James W.	45-1	Boris, Marvin	40-1	Chynn, Kuo York	40-2	Diehl, Carolyn H.	38-1
Asch, Thane	40-1	Boyer, James L.	43-1	Cipolaro, Vincent A.	38-3	Diethelm, Arnold G.	44-3
Ashe, Barbara S.	39-2	Boynton, Perry S., Jr.	39-2	Cipollaro, Anthony C.	37-1	Diethelm, Oskar	37-1
Ashman, Stuart	40-1	Brachfeld, Norman	37-2	Clapp, Paul	41-3	Di Leo, Joseph H.	39-3
Atkinson, Sam C.	37-2	Bradess, Victoria A.	43-2	Claremont, Hugh E.	38-1	Dillon, Thomas F.	39-1
Auerbach, Arthur M.	45-1	Bradley, Kent P.	43-1	Clark, Cornelius J.	42-2	Dineen, Joseph P.	44-3
Auld, Peter A. McF.	39-2	Branchey, Marc H.	44-2	Clark, Joel A., Jr.	45-2	Dineen, Peter	41-1
Austlid, Olav	37-2	Branniff, Blaine A.	43-1	Clark, Melva A.	38-1	Doherty, John H.	42-1
Avnet, Samuel	42-2	Braunstein, Paul W.	41-2	Clarke, Robert L.	41-2	Donohue, John P.	45-2
Baccay, Renee D.	44-1	Brennan, Robert W.	43-1	Clarkson, Bayard D.	38-1	Dooley, Samuel W.	39-1
Baer, Ralph	38-3	Brethwaite, Samuel H.	38-1	Clifford, George O.	37-2	Dougherty, John W.	37-2
Bagdi, Phyllis A.	43-1	Brice, Mitchell	42-2	Clifford, Eugene E.	40-1	Dougherty, Joseph C.	38-3
Bajek, Arnold J.	40-2	Brilliant, Renee M.	40-2	Cline, Robert E.	45-3	Douglas, Donald	38-1
Baker, Ralph D.	40-2	Bristol, Raymond C.	44-2	Clow, Hollis E.	42-1	Douglas, R. Gordon	39-1
Baker, William G., Jr.	43-1	Brockunier, Alfred	39-2	Coats, Edward C.	42-2	Douglas, R. Gordon, Jr.	43-1
Baldwin, Horace S.	37-1	Brodman, Kieve	38-1	Cobb, John R.	41-2	Doyle, Thomas L.	40-2
Balensweig, Howard D.	37-1, 41-2	Brown, Howard	38-3	Coble, Yank D., Jr.	43-1	Dozier, David F., Jr.	39-3
Balensweig, Irvin	37-1	Brown, Alfred A.	41-2	Cohen, Eugene J.	37-1	Draper, John W.	42-1
Bang, Nils U.	38-3	Brown, David Edward	42-3	Cohen, Ira B.	38-1	Drew, J. Edwin	42-3
Banta, John V.	45-1	Brown, Edward O.	44-2	Cole, John T.	39-1	DuBois, Robert O.	37-1
Baragry, Richard A.	45-1	Brown, Harrison Oliver, Jr.	38-1	Cole, Robert M.	41-1	Duckworth, Roy D.	43-2
Baras, Irving	41-2	Brown, James W.	44-2	Colker, Joel L.	43-1	Duguay, Robert M.	44-2
Barasch, Kenneth R.	45-2	Brown, John L.	38-1	Conn, Julius, Jr.	44-2	Duley, Wade	41-2
Barber, Hugh R. K.	39-1	Brown, Veronica C.	38-1	Connolly, C. Stephen	38-1	Dunaif, Charles B.	44-3
Bardin, C. Wayne	43-1	Browne, Michael A.	42-2	Constantine, Elizabeth F.	41-3	Dunbar, Charles R.	42-2
Barile, Raymond C.	37-2	Browne-Mayers, Albert	40-2	Conway, Herbert	42-1	Dunbar, Howard S.	41-2
Barnard, Bryant	45-2	Brush, A. Louise	40-1	Cook, Gerald T.	45-2	Dunkell, Samuel V.	40-2
Barnes, Lloyd T.	37-2	Buchanan, J. Robert	37-2	Coombs, Francis P.	38-1	Dunlap, Edward A.	41-1
Barnes, William A.	41-1	Buchanan, Mary C.	40-1	Cooney, Mary E.	43-3	Dunning, Henry S.	39-1, 43-1
Barondess, Jeremiah A.	37-1	Buckman, Myron I.	39-2	Cooper, Howard N.	40-2	Dworetzky, Murray	37-1
Barr, David P.	37-1	Buck, Leroy S.	42-3	Cooper, William	41-3	Dwyer, John F.	44-2
Barten, Harvey H.	44-1	Bunn, Howard F.	43-1	Cooper, William A.	41-1	Dye, Robert E.	38-3
Basile, Nac K.	39-2	Burbank, Bernard H.	38-1	Cornia, Frank E.	37-1	Elby, Joseph D.	37-1
Bass, Richard R.	39-2	Burkhardt, Edward A.	38-1	Cornell, George N.	41-2	Eckardt, Robert E.	38-1
Bauer, Charles H.	39-1	Burkholder, George V.	45-2	Cornell, Nelson W.	41-1	Eckel, John H.	41-1
Bauer, Goran C. H.	39-1	Burnett, Harry W.	40-1	Cortese, Armand F.	45-2	Ecker, Roger R.	45-1
Baumgartner, Leona	39-1	Burns, Rosalie A.	39-2	Cox, Denton S.	37-2	Edelman, Martin	44-1
Baxter, James E.	40-2	Burstein, Charles	37-1	Craig, Robert L.	39-1	Edelson, Stuart R.	42-2
Beal, John M.	41-1	Butkiewicz, Alexander S.	44-2	Cramer, Jean A.	38-1	Egan, George F.	41-1
Becker, Carl G.	39-3	Butler, Katharine	37-1	Crawford, David B., Jr.	39-2	Eggleston, Cary	37-1
Becker, David V.	37-1, 40-2	Buydens, Laura-Berthe	40-3	Crill, Wayne E.	39-3, 43-3	Ehlers, Kathryn H.	40-2
		Byck, Walter	40-2	Crissey, Eleanor	40-1	Ehrlich, George E.	38-1

Eichenholtz, Sidney N. 42-2
Eichenwald, Heinz F. 39-1
Eilers, Elizabeth A. 38-3
Eisenmenger, William J. 37-2
Ejrup, Borje E. V. 38-3
Emery, John R. 43-2
Engel, Tibor 44-2
Engle, Mary A. 39-1
Engle, Ralph L. 37-1
Epstein, Nathan 39-3
Epstein, Stephen E. 43-1
Erdman, Frederick S., Jr. 44-3
Erdmann, Albert J., Jr. 37-2
Erhlich, Richard M. 45-3
Erlandson, Marion E. 39-1
Erlanger, Alice 41-3
Erlanger, Herbert L. 37-2
Erle, Henry R. 37-2
Ern, Richard A. 42-3
Ertel, Norman H. 38-3
Esakof, Ernest R. 38-1
Esken, Philip W. H. 40-2
Eskesen, Ralph A. 38-1
Ettinger, Edwin 43-1
Evans, John A. 40-1
Eyckmans, Luc A. F. 38-3
Eyster, M. Elaine 38-3
Fadden, Francis J., Jr. 42-2
Fales, Catherine H. 40-3
Falk, Emil A. 38-1
Farr, Charles E. 37-1
Farr, Hollon W. 41-2
Farrell, Frank W. 42-3
Fear, Robert 44-2
Feder, Aaron 37-1
Feldman, Samuel 42-2
Felton, Rosemary B. 42-2
Ferguson, G. Renee 40-2
Fiedler, George A. 42-1
Fillmore, Sidney J. 43-1
Finkle, Theodore H. 40-2
Finn, Frederick W. 43-1
Finn, William F. 39-1
Fisher, John T. 45-2
Flach, Frederic F. 40-1
Flamm, Eugene S. 45-2
Fleisher, David R. 44-1
Flynn, James P. 44-3
Flynn, John T. 38-1
Flynn, John T. 45-1
Flynn, Maura L. 42-2
Focht, Elizabeth F. 40-3
Foley, William T. 37-1
Foote, Frank W., Jr. 39-1
Forde, Thomas P. 43-3
Forkner, Claude E. 37-1
Forkner, Claude E., Jr. 38-1
Forrest, Arnold W. 43-2
Foster, Harry R., Jr. 40-3
Fountain, Gerard 43-2
Francis, Kenneth C. 42-2
Francis, Yvette F. 40-2
Frank, John A. 40-2
Frankel, Herman M. 44-1
Franklin, John E. 39-1
Fraser, Alan W. 40-1
Freedman, Philip D. 43-1
Freedman, Walter L. 39-2
Freiberger, Robert H. 40-2
Freile-Fleetwood, Maria 40-2
Frey, Charles F. 45-1
Freyberg, Richard H. 37-1
Friedman, Lionel O. 40-3
Friess, Constance 37-1
Frimpter, George W. 38-1
Frivold, Wellum 44-1
Fulcher, Thomas M. 45-1
Furth, Eugene D. 37-2, 40-2
Fussell, Katharine M. 45-2
Gabel, Milton 41-2
Galvin, Miles A. 41-2
Galvin, Gerald M. 41-3
Gandy, Hortense M. 39-2
Gardner, David J. 40-3
Gardner, Horace T. 37-2
Gardy, Martin 38-3
Gareen, Diane B. 40-1
Gault, James H. 43-1
Gause, Ralph W. 39-1
Gee, Russell O. 42-2
Geffen, Nathan 40-3
Geiger, J. Theodore 42-1
Geller, William 38-1
Gendel, Edward 38-1
Genvert, Harold 41-2
Gepfert, J. Randolph 39-1
German, James L. 39-1
Gersh, Marvin J. 39-3
Gershenson, Wilbur 38-3
Gilat, Tuvia 38-3
Gilder, Helena 41-3
Gilroy, Francis J. 38-1
Ginsberg, Theodore M. 44-3
Ginsburg, Selig M. 38-1
Gittler, Robert D. 38-1
Given, William P. 39-1
Gladstone, Wilma 44-2
Glasberg, Herbert H. 44-2
Glass, Leonard 44-1
Glassman, Oscar 39-1
Glenn, Frank 41-1
Glenn, James H. 44-1
Globus, David L. 38-1
Clucksman, Myron L. 40-3
Glynn, Martin J. 39-2
Goebel, David 38-1
Gokhale, Shreekanth V. 38-3
Gold, Harry 38-1
Goldberg, Henry P. 39-2
Goldin, Howard 43-1
Goldsmith, Edward I. 41-2
Goldstein, George S. 40-2
Goldstein, Oscar E. 38-1
Goldstein, William B. 44-3
Goodrich, Charles H. 37-2
Goodyear, Stephen 40-1
Gordis, Enoch 38-1
Gordon, Dan M. 41-1
Gordon, Sherman E. 43-3
Gorham, George W. 38-1
Gotta, Alexander W. 43-1
Goulain, Dicran, Jr. 42-2
Graham, William D. 42-3
Grant, H. Michael 42-2
Gray, Joseph W. 45-2
Graz, Charles M. 42-2
Greeley, Arthur V. 39-1
Greenberg, Abby J. 40-2
Greenberg, Saul S. 42-3
Greenberg, Sidney M. 37-3
Greif, Roger L. 37-3
Griffin, George D. 45-2
Gristina, Anthony G. 45-1
Gristwood, Merton L. 41-3
Gross, Clara R. 38-1
Grossberg, Sidney E. 38-3
Grossi, Margaret T. 40-1
Grossman, Joseph A. 38-3
Grossman, Seymour S. 38-1
Guay, Raymond-Marie 45-1
Gudmundsson, Sigurdur T. 38-3
Guida, Peter M. 41-3
Guindon, Noemi 43-1
Guion, Connie M. 37-1
Gundy, John H. 44-3
Guthrie, Keith O., Jr. 38-1
Guthrie, Randolph H., Jr. 45-2
Guthrie, Thomas C. 39-2
Hadley, Susan J. 37-1
Hagstrom, Jack W. C. 39-2
Halpern, Mordecai 40-2
Halsey, Hugh II 39-2
Hamilton, Donald M. 42-1
Hamilton, Francis J. 40-1
Hanhart, Bruno 38-3
Hanley, Marshall J. 38-1
Hanson, Maury L. 45-1
Haralambie, James Q. 39-2
Hardy, Robert E. 44-1
Hare, Clarence C. 43-1
Harrar, James A. 37-1
Harrington, Helen 37-2
Hatterer, Lawrence J. 40-1
Hawks, Graham G. 39-2
Hazzard, William R. 43-1
Hayes, Janet K. 38-1
Hayes, Joseph G. 43-3
Haynes, James M. 39-3
Heckman, Bernard A. 43-2
Hedberg, Carl A. 43-2
Heffner, Reid R. 37-3
Heimoff, Leonard L. 38-1
Helfer, Lawrence S. 38-3
Hemady, Kamal T. 45-1
Henry, John R. K. 40-2
Herbert, Philip S., Jr. 40-2
Herrmann, Richard A. 38-1
Hersh, Alexander 41-3
Hertz, Daniel N. 43-2
Hicks, Raymond G. 43-1
Hilgartner, Margaret W. 40-1
Hinkle, Lawrence E., Jr. 37-3
Hnat, Richard F. 44-2
Hobson, Lawrence B. 38-1
Hochman, Raymond B. 38-1
Hochstein, Elliot 37-1
Hoff, Julian T. 45-2
Hofman, Alan F. 38-1
Hogan, Vincent M. 45-2
Hollenberg, Milton 38-1
Holleran, Brent J. 45-2
Holman, Cranston W. 41-1
Holman, James M. 42-1
Holswade, George R. 41-1
Holtz, Helene 38-1
Hook, Edward W., Jr. 37-1
Horgor, Eugene L. 37-3
Home, Robert H. 45-2
Horowitz, Herbert I. 38-2
Horwich, I. David 42-3
Horwith, Melvin 37-3
Hoskins, Donald W. 38-2
Hotchkiss, Robert S. 42-2
Howe, Suzanne A. L. 42-2
Huebner, Robert D. 38-2
Huene, Phyllis A. 38-3
Hugo, Norman E. 42-3
Humphreys, Gustavus A. 42-2
Hunt, Frederick C. 39-2
Huntington, Charles G. 43-2
Hurley, James R. 43-2
Huston, Ann 37-2
Huvas, Andrew G. 44-3
Ingis, Allan E. 42-1
Isaacs, George 43-3
Isaacs, Norman J. 38-2
Ito, Tomiko 40-1
Jabloner, Judith L. 40-3
Jacobs, Bernard 42-1
Jacobson, Abraham S. 38-2
Jacobson, Jerry Hart 41-2
Janulis, Peter T. 40-1
Jaslowitz, Bernard W. 38-2
Jaspin, George 40-1
Javert, Carl T. 39-1
Jeffries, Graham H. 38-2
Jenkins, David E. 38-3
Jensen, D. Rees 41-1
Jernigan, Thomas P. 38-2
Johnson, Donald G. 39-1
Johnson, James P. 39-2
Johnson, O. Adrian 45-2
Johnson, Vansel 41-1
Johnson, Warren D., Jr. 43-2
Johnson, William D. 39-3
Jones, Thomas C. 43-2
Josephson, Barry M. 38-2
Joyner, Edmund N., III 39-2
Junker, Barnett J. 37-3
Kahn, Ivan J. 38-3
Kammerer, William H. 37-3
Kandell, Robert L. 44-3
Kane, Francis D. 40-1
Kaplan, Lawrence I. 38-2
Kara, Anna 38-2
Karl, Richard C. 41-1
Karmason, Marilyn G. 40-2
Karnofsky, David A. 38-2
Karoll, Richard P. 41-3, 39-3
Kass, Eileen 43-3
Katz, J. Harry 37-3
Kauer, George L. 37-3
Kauer, Joseph T. 41-2
Kaye, Donald 37-3
Kazan, Avraam T. 43-2
Kean, B. H. 37-1
Kearney, William F., Jr. 41-3
Keating, George A. 43-1
Keefer, Edward B. C. 41-2
Kellner, Aaron 39-1
Kelly, James T. 41-2
Kelly, LeMoyne C. 38-2
Kemp, Harvey G. 43-2
Kendall, John M. 38-3
Kennedy, Patricia J. 43-3
Kerr, M. Dorothea 40-2
Kessler, Richard H. 38-2
Kessler, Susan R. 38-2
Keuhnelian, John G. 42-3
Keutmann, Henry T. 43-3
Kidd, John G. 39-1
Kilbourne, Edwin D. 37-1
Killip, Thomas III 37-3
Killoran, Paul J. 40-2
Kimball, John T., Jr. 38-3
Kirkham, Frederic T., Jr. 37-3
Kirkland, Henry B. 37-1
Kitahata, Luke M. 43-1
Klein, Harvey 43-3
Klein, Madeline 44-1
Klingon, Gerald H. 39-2
Knapp, Robert C. 39-3
Knight, Robert G. 43-2
Knizly, Homer 43-3
Koenig, Hedwig 37-2
Kofkin, Murray I. 40-2
Kohl, Richard N. 40-1
Kokenge, Roy F. 39-3
Koontz, Warren W., Jr. 45-2
Koteen, Herbert 37-3
Koteen, Seymour M. 41-2
Kowlessar, O. Dhodanand 38-3
Kozam, Robert L. 38-2
Kramer, Elmer E. W. 39-1
Kramer, Milton L. 37-1

Kreek, Mary Jeanne . . . 43-2
 Kremer, Carl P., Jr. . . . 40-1
 Krikorian, John M. . . . 44-3
 Kugler, Margaret M. . . . 39-3

 La Due, John S. . . . 37-3
 Lake, Michael 37-3
 Lampe, Ernest W. . . . 41-1
 Lance, Eugene M. . . . 45-1
 Landau, Samuel 38-3
 Landesman, Robert . . . 39-2
 Landolt, Allison B. . . . 40-2
 Langstadt, John R. . . . 39-3
 Laufer, Ludwig G. . . . 40-2
 Lavengood, Russell W., Jr. . . . 42-3
 Lavoie, Reynald 45-1
 Lawrence, Jerome 41-3
 Lawrence, Walter, Jr. . . . 41-3
 Leder, Harold L. . . . 38-2
 Ledwith, James W. . . . 38-2
 Lee, John E. 39-3
 Lee, Richard E. 38-2
 Lee, Robert E. 43-1
 Leffer, Wade H., Jr. . . . 43-3
 Leighton, Alexander H. . . . 40-1
 Lemcke, Dorothea . . . 38-2
 LePera, Frank S. . . . 45-1
 Lese, Leo R. 38-2
 Leswing, Richard J. . . . 38-2
 Levin, Clinton N. . . . 38-3
 Levine, Lenore S. . . . 40-3
 Levine, Milton I. . . . 39-1
 Levine, Ronald H. . . . 44-1
 Levine, Samuel Z. . . . 37-2
 Levy, Bruce C. 38-2
 Lewis, Alfred B., Jr. . . . 40-1
 Lewis, Charles M. . . . 38-2
 Lewis, Frank Lucas . . . 43-3
 Lewis, George M. . . . 37-2
 Lewis, Ralph J. . . . 45-2
 Lewis, Walter M. . . . 38-3
 Lewisohn, Marjorie . . . 38-2
 Ley, Allyn B. 37-1
 Lhamon, William T. . . . 40-1
 Liang, Edward Y. . . . 40-1
 Lieberman, Jerrold S. . . 37-3
 Liebolt, Frederick L. . . 41-2
 Lim, Sheila 44-1
 Lim, Wan Ngo 39-3
 Lincoff, Harvey A. . . . 41-2
 Lintz, Robert M. . . . 37-3
 Lipkin, Mack 37-3
 Lipkin, Martin 38-2
 Lissauer, Charlotte . . . 40-1
 Littell, Andrew 44-1
 Livingston, Robert M. . . 44-2
 Loehr, Walter J. . . . 45-3
 Loring, Marvin 40-2
 Louria, Donald B. . . . 38-2
 Loveless, Mary H. . . . 37-3
 LoVerme, John 38-2
 Lowe, Luther B. . . . 44-2
 Lowe, Norman 39-3
 Lubash, Glenn D. . . . 37-3
 Luckey, E. Hugh 37-1
 Luger, Norton M. . . . 37-3
 Lukas, Daniel S. . . . 37-1
 Lulow, William V. . . . 40-2
 Lum, Lincoln, ... 44-3
 Lund, Melvin G. . . . 45-2
 Luparello, Thomas J. . . 40-2
 Lyman, Margaret S. . . . 40-1

 Macfarlane, J. Ralph . . . 45-2
 MacFee, William F. . . . 37-2
 MacKay, Donald N. . . . 43-1
 Macris, Nicholas T. . . . 38-3
 Maggio, Louis J. . . . 37-3
 Magida, Melville G. . . 40-3
 Maisel, Bernard 41-1
 Mamelok, Alfred E. . . . 41-3
 Mandell, Gerald L. . . . 43-3
 Mann, Edward C. . . . 39-2
 Mannix, Henry, Jr. . . . 41-2
 Marbury, Benjamin E. . . 37-1
 March, Thomas L. . . . 44-1
 Marchand, John F. . . . 38-2
 Marchisello, Peter J. . . . 42-3
 Marciano, Mark R. . . . 38-2
 Marcus, Cyril C. . . . 39-3
 Marcus, Stewart L. . . . 39-3
 Markham, Mary H. . . . 42-3
 Markham, Sanford . . . 39-3
 Marquis, James R. . . . 40-2
 Marshall, Florence N. . . 39-2
 Marshall, Victor F. . . . 42-1
 Martens, Frederick W. . . 39-3
 Mascia, Arnold A. . . . 39-3
 Mason, Joseph B. . . . 42-3
 Mason, Spiro N. . . . 45-1
 Masterson, James F., Jr. . . 40-1
 Mastrianni, Xavier L. . . 42-2
 Mastrovito, Rene C. . . 40-2
 Mayer, Klaus 38-2
 Mayer, Victor 41-2
 McCann, William P. . . . 45-2
 McCarrroll, James R. . . 37-3
 McCleary, Paul H. . . . 44-2
 McCombs, A. Parks . . . 37-2
 McCormack, Richard R. . . 37-3
 McCracken, George H., Jr. . 44-2
 McCrory, Wallace W. . . 39-1
 McCune, Robert M. . . . 37-3
 McDermott, Walsh . . . 37-1
 McDewitt, Ellen 37-2
 McDowell, Fletcher H. . . 39-1
 McGovern, J. Bruce . . . 45-2
 McGovern, John H. . . . 42-2
 McGovern, Robert G. . . 39-2
 McGowan, Frank J. . . . 37-2
 McGowan, Lillian E. . . 40-2
 McGrath, John F. . . . 40-2
 McGrath, N. Eileen . . . 38-2
 McGrew, Herbert E. . . . 42-2
 McIlveen, Marion 39-3
 McKenna, James 40-3
 McKinley, Robert A. . . . 42-2
 McKnight, William K. . . 42-1
 McLane, Charles M. . . . 40-2, 39-1
 McLarn, William D. . . . 39-3
 McLaughlin, Robert R. M. . 43-1
 McLean, Alan A. . . . 40-2
 McLean, Donald C. . . . 44-2
 McLean, John M. . . . 41-1
 McLellan, Allister M. . . . 43-3, 37-2
 McLellan, Frederick C. . . 43-3, 42-3
 McLemore, George A., Jr. . 38-2
 McShane, Richard H. . . 45-3
 McSherry, Charles K. . . 45-1
 Mead, Allen W. . . . 38-2
 Medici, Frank N. . . . 44-2
 Mehta, S. K. . . . 40-3, 38-3
 Melchionna, Robert H. . . 37-3
 Mellors, Robert C. . . . 39-1
 Melnick, Robert N. . . . 39-3
 Merselis, John G., Jr. . . 38-3
 Metzl, Kurt 44-2
 Meyer, Jean-Paul 38-3
 Michael, Stanley T. . . . 40-2
 Middleton, Richard . . . 45-2
 Milhorat, Ade T. . . . 37-1
 Milhorat, Thomas H. . . . 45-2
 Miller, Richard W. . . . 43-2
 Millstein, Gerald J. . . . 37-3
 Minick, C. Richard . . . 39-3
 Mitty, Virginia C. . . . 39-3
 Mizrahi, Matilde 38-3
 Moccia, Joseph 43-3
 Modaber, Parvaneh . . . 43-3
 Modell, Walter 38-2
 Molander, David W. . . . 38-2
 Moldaver, Joseph 38-2
 Monahan, George R. . . . 37-3
 Mongeau, Jean-Guy . . . 40-3
 Monteith, James C. . . . 43-2
 Montimurro, Joseph A. . . 43-1
 Montroy, Robert E. . . . 42-3
 Moody, Frank G. . . . 45-1
 Moore, Holland V. . . . 45-3
 Moore, James A. . . . 42-1
 Moore, Samuel W. . . . 41-1
 Moorhead, Harry H. . . . 42-1
 Morgan, William A. . . . 43-2
 Morgenthau, Joan E. . . . 39-3
 Moritz, Timothy B. . . . 43-3
 Morley, David C. . . . 40-3
 Morris, John F. . . . 43-2
 Morrison, Myles C., Jr. . . 39-3
 Mott, Walter W. . . . 43-2
 Muecke, Edward Carl . . . 45-2
 Mueller, George C. . . . 42-1
 Mujahed, Zuheir 40-2
 Murphy, George E. . . . 39-2
 Murphy, Richard E. . . . 44-3
 Murphy, Willis A. . . . 37-3
 Muschenheim, Carl . . . 37-1
 Myers, W. P. Laird . . . 37-3
 Myers, Wayne A. . . . 40-3

 Nachman, Ralph L. . . . 38-2
 Nachtigall, Henry B. . . . 38-2
 Nagler, Willibald 38-3
 Nakamoto, Masao 44-1
 Nall, Thomas M. . . . 38-3
 Nathanson, Bernard N. . . 39-2
 Nathanson, Joseph N. . . 37-2
 Neumann, Karl 40-3
 Neviaser, Robert J. . . . 45-2
 New, Maria I. . . . 38-2, 39-3
 Nicholas, James A. . . . 41-3
 Nickel, William F., Jr. . . 41-1
 Norehad, Ernest A. . . . 45-3
 Norsa, Luigia 39-2
 Notterman, Rebecca F. . . 40-1
 Nydick, Irwin 37-3

 O'Connell, Daniel J. . . . 44-3
 Ogilvie, John B. . . . 41-2
 Okinaka, Arthur J. . . . 41-2
 Okuda, Minoru 44-2
 Olcott, Charles T. . . . 37-2
 O'Neil, H. William . . . 44-3
 O'Neil, Jane F. . . . 42-2
 O'Neil, Patricia M. . . . 37-3
 O'Neill, Earl A. . . . 41-2
 Opie, Eugene L. . . . 37-2
 Oppel, Theodore W. . . . 37-1
 O'Regan, Charles H. . . . 37-2
 Orme, S. Kirby 45-2
 Orr, Walter J. . . . 43-2
 O'Shaughnessy, Hugh P. . . 43-2
 Ortiz, Federico 45-2
 Osterland, C. Kirk . . . 38-3
 Ostrolank, David G. . . . 40-3
 Owens, James W. M. . . . 44-2

 Pachter, Maurice 40-3
 Padar, Stephen C. . . . 45-3
 Panlilio, Enrique L. . . . 43-2
 Parish, Lawrence J. . . . 38-2
 Park, Benjamin S., Jr. . . 45-2
 Parke, William M., Jr. . . 43-1
 Parsons, Herbert 41-2
 Patterson, Robert L., Jr. . . 41-1
 Patterson, Russell H. . . . 37-2
 Patterson, Russell H., Jr. . . 41-3
 Payne, Mary Ann 37-2
 Pazianos, Artemis G. . . . 37-3
 Peightal, Thomas C. . . . 43-3
 Peretz, Walter L. . . . 41-3
 Perrone, Francis S. . . . 38-2
 Perry, Herbert S. . . . 45-3
 Peter, William J. . . . 44-2
 Peterson, Hart 40-3
 Peterson Kirk L. . . . 43-3
 Peterson, Ralph E. . . . 37-2
 Phillips, Raymond E. . . . 43-2
 Philson, Arthur D. . . . 38-2
 Piccaro, Ernest R. . . . 41-2
 Pierce, Virginia K. . . . 39-3
 Pindyck, Johanna 43-3
 Pisar, Donald E. . . . 45-1
 Pison, Josefina B. . . . 43-3
 Pitkin, Olive 40-2
 Pitman, John M., Jr. . . . 45-2
 Pitt, Paula 38-3
 Platt, Melville A. . . . 39-3
 Plum, Fred 39-1
 Plummer, Norman 37-3
 Pochedly, Carl E. . . . 40-3
 Poker, Nathan 40-1
 Pomeranz, Virginia E. . . 40-2
 Ponde Neto, Joao de S. . . 38-3
 Poole, Arthur 43-2
 Posner, Jerome B. . . . 39-2
 Potor, Aurelia 38-2
 Poundstone, Robert B. . . 42-2
 Preuss, James W. . . . 45-1
 Prince, Ivin B. . . . 41-3
 Pritchett, R. A. . . . 37-2
 Prokop, James D. . . . 45-2
 Prout, Curtis T. . . . 42-1
 Prunier, John H. . . . 38-2
 Putnam, John J. . . . 41-2

 Queenan, John T. . . . 39-3
 Quen, Jacques M. . . . 40-3

 Raafat, Farro 44-2
 Raben, Milton 44-2
 Raine, Alan Charles . . . 42-3
 Raleigh, James W. . . . 38-2
 Ranzenhofer, Edwin R. . . 40-3
 Rappaport, Herbert I. . . 43-2
 Rappaport, Irwin 44-2
 Ray, Bronson S. . . . 43-3
 Raymond, Edward A. . . . 43-2
 Raziano, Joseph V. . . . 44-3
 Reader, George G. . . . 37-1
 Redo, S. Frank 41-2
 Rees, J. Richard 45-2
 Reese, Martha K. . . . 40-2
 Reis, Donald J. . . . 39-2
 Reisch, Milton 38-2
 Reiss, Sanford M. . . . 38-2
 Remen, Rachelle N. . . . 44-2
 Remler, Anna M. . . . 40-2
 Renzikoff, Paul 37-2
 Ribble, John C. . . . 37-3
 Richard, Jack 38-2
 Richardson, Eric C. . . . 41-2
 Richardson, John R., Jr. . . 45-3
 Richelle, Leon J. V. . . . 38-3
 Richter, Goetz W. . . . 39-2
 Riggins, Robert C. K. . . 43-2
 Rigney, Thomas G. . . . 38-2
 Rilev, Edgar A. . . . 37-3

Rinzler, Seymour H.	38-2	Sherlock, Paul	38-2	Struve, John F.	42-3	Walden, William D.	39-3
Risk, Abraham	44-3	Sherwin, Albert C.	40-1	Stuart, Frances F.	44-2	Wall, James H.	42-1
Rittwagen, Marjorie	40-3	Shibuya, Madoka	39-3	Stubenbord, William D.	43-1, 38-1	Wallenstein, Harry G.	40-3
Rives, Kathleen L.	38-3	Shields, Joseph D. III.	43-3	Stubenbord, William T.	45-3	Wallis, Lila A.	38-1
Rizzo, Peter Cyrus	41-3	Shinefield, Henry R.	39-3	Suchinsky, Richard T.	44-3	Walsh, John H.	43-3
Rizzo, Thomas D.	42-3	Shore, Nathan A.	41-3	Sullivan, Colleen A.	43-2	Wanderer, Alan A.	44-3
Robbins, Philip S.	40-3	Shulman, Martin J.	38-3	Sullivan, John E.	41-3	Wantz, George E.	41-2
Robbins, William C.	37-2	Shuttleworth, Anne M.	40-3	Sullivan, John L.	41-3	Ware, H. Hudnall III.	44-1
Roberts, Thomas N.	37-3	Siegel, Robert S.	45-1	Sullivan, Joseph D.	40-2	Warner, Nathaniel	40-1
Robertson, Theodore	39-3	Silver, Richard T.	38-2	Susman, David G.	43-3	Warren, Porter H.	42-3
Robinson, Theodore	40-3	Silverman, Frederick	39-3	Swan, Kenneth G.	45-3	Watson, Barraud J.	43-3
Rockwell, Fred V.	40-1	Silverman, Gerald M.	38-2	Swanson, August G.	39-2	Watson, H. Kirk	45-3
Roe, Robert	40-3	Simons, Donald J.	39-1	Swanson, Gary	44-2	Watson, Robert F.	37-1
Rogoff, Bernard	38-2	Sims, Martin W.	38-3	Sweat, Robert E., Jr.	45-3	Watson, Robin C.	40-3
Romas, Christos	45-2	Sinclair, Harry A.	38-2	Sweeney, William J. III	39-2	Watters, Win Henry	43-3
Romas, Nicholas A.	45-3	Skelton, Jay B.	39-3	Swift, Katharine	38-2	Wayne, Henriette L.	40-3
Rost, Dwight M.	45-3	Skowronski, John R.	44-3	Szmurlo, Krystyna	43-2	Weaver, Dean H.	45-3
Roseman, David M.	37-3	Skudder, Paul A.	41-3			Weber, Edward W.	43-1
Rosenfeld, Isadore	38-2	Slater, Beatrice S.	40-2			Webster, Bruce P.	37-2
Rosh, Melvin S.	44-1	Slater, Ralph A.	42-3	Taintor, Zebulon C.	44-3	Weglarz, Stanley S.	38-3
Rothbard, Sidney	37-3	Sleisenger, Marvin H.	37-2	Tamlyn, Thomas T.	38-2	Wehner, Nancy S.	44-3
Rovere, George D.	45-1	Smillie, Wilson G.	37-3	Tani, T. Miriam	43-2	Weidenbacher, Richard L., Jr.	44-2
Rubin, Albert L.	37-3	Smith, Arthur	45-3	Taylor, Charles N.	44-3	Weiman, Clinton G.	38-1
Rubin, Walter	38-3	Smith, Barry D.	44-3	Taylor, Irvin S.	41-3	Weineke, Kuhrt, Jr.	45-3
Rudd, Emmanuel	38-2	Smith, Carl H.	37-3	Telmosse, Roger	45-1	Weingarten, Seth M.	45-3
Rudd, Lucie L.	40-2	Smith, Carter, Jr.	43-2	Temple, Harold L.	40-1	Weinroth, Jerome R.	37-3
Rudolf, Leslie E.	41-2	Smith, David I.	40-2	Terry, Stephen	44-3	Weiss, Alvah M.	40-1
Ruegsegger, Paul	38-3	Smith, E. Fletcher	39-1	Thal, Nathan	40-3	Wells, Aaron O.	38-1
Ruskin, Richard A.	39-3	Smith, Frank R.	37-3	Thomas, Clayton L.	39-3	Werden, Virginia	39-3
Ryan, Samuel F.	39-3	Smith, J. James	42-2	Thompson, David D.	37-2	Weser, Elliot	38-3
		Smith, James W.	42-2	Thompson, T. Campbell	41-1, 2	West, John P.	41-2
Sabesin, Seymour M.	43-2	Smith, Martha L.	39-3	Thorbjarnarson, Bjorn	41-2	Weymuller, Charles A.	37-3
Sackett, Nelson B.	39-1	Sneed, Gary A.	42-3	Thurman, William G.	39-2	Weymuller, Louis E.	39-2
Sakati, Isam	45-3	Snell, James D.	38-3	Tiers, Francis M.	37-3	Whayne, Thomas F.	43-3
Sallick, Richard M.	44-3	Snyder, Charles T.	39-1	Tillotson, Peter M.	40-3	Wheatley, Marjorie A.	40-1
Samios, George	40-3	Snyder, Stuart S.	41-2	Timpanelli, Alphonse E.	37-2	White, Stephen	40-1
Santos, George P.	45-1	Sobin, Leslie H.	39-3			White, William A.	45-3
Sasseville, Real	45-3	Solaric, Bojana	43-2			Whitmore, Willett F., Jr.	42-1
Saunders, Richard H., Jr.	37-3	Soloway, Josef	44-2	Tobias, Donald A.	44-2	Whitney, Alden E.	44-1
		Sondheim, Fred	44-2	Toch, Herbert	44-2	Whitsell, John C. II	41-3
Saville, Paul	37-3	Sonnenberg, Martin	38-3	Todd, Jean	41-3, 39-2	Wieche, Robert E.	39-3
Savitz, Sumner A.	44-3	Song, Chull S.	38-3	Tolins, Peter S.	40-2	Wierum, Carl	38-2
Schaefer, George	39-1	Sonkin, Lawrence S.	38-2	Tolstoi, Edward	37-3	Williams, Byard	43-1, 37-2
Schaeffer, B. Timothy	44-2	Speer, David S.	41-3	Toni, Evelyn F.	44-2	Williams, John R.	42-3
Schaffer, Shirley	40-3	Spencer, James H., Jr.	44-3	Topkins, Marjorie J.	37-2	Williams, Ralph C.	38-2
Scherr, Lawrence	37-3	Spielman, Aaron D.	38-1	Torack, Richard M.	39-2	Williamson, Peter D.	43-3
Scherzer, Alfred L.	44-3	Spinelli, Anthony N.	42-3	Torre, Douglas P.	37-2	Wilson, Florence A.	38-2
Scheuer, James	38-3	Spire, Edward	45-3	Torsney, Jerome M.	40-3	Wilson, May G.	37-3
Scheuing, Marilyn R.	40-3	Spoor, Herbert J.	38-2	Traeger, Cornelius H.	38-2	Wilson, Peter G.	40-3
Schiavi, Raul C.	40-3	Spritz, Norton	38-1	Traube, Sylvia G.	40-3	Wilson, Philip D.	37-3
Schiebeler, John C.	45-3	Squires, Franklin A.	43-3	Travell, Janet	38-2	Wilson, Philip D., Jr.	41-3
Schiefflin, John W.	44-2	Squires, Willard H.	38-2	Trebowski, Theodore E.	45-1	Winchester, Patricia H.	44-3
Schildhaus, Andrew	42-3	Stafford, Gerald E.	40-1	Trombold, James C.	43-2	Winchester, Robert J.	43-3
Schmidt, J. Kenneth	41-3	Stamatov, John	42-3	Tripp, Cecil deW.	43-2	Winston, A. L.	38-1
Schmidt, John G.	41-2	Stanton, Edward F.	39-3	Tucker, Garrett III	45-3	Wolfe, Richard D.	44-3
Schoelly, Marie-Louise	40-1	Stauffer, Tom G.	43-2	Tucker, Kenneth F.	40-3	Wolfson, Edward A.	38-3
Schreiber, Howard	40-2	Steadman, E. Thomas	39-3	Tulenko, John F.	42-3	Woodard, John R.	45-1
Schrier, Robert I.	37-2	Stein, Harry L.	40-3	Tuttle, Thomas L.	45-3	Woodrow, Stephen I.	45-3
Schuyler, Leonard	38-2	Stein, John M.	45-3	Tyndall, Marion	43-1	Woodruff, Jack F.	44-2
Schwanderla, Edward A.	42-3	Stein, Marvin	40-1			Woodruff, James M.	44-3
		Steinbeck, Alfred W.	38-3	Umlas, Joel	44-3	Worthington, Edward L.	38-3
Schwartz, Ernest	37-3	Steinberg, Herman	38-1	Underwood, David G. II	43-1	Wright, Irving S.	37-1
Schwartz, Irving	40-3	Steinberg, Israel	37-2, 40-3	Urffer, Paul A.	44-3	Wroblewski, Felix	38-3
Schwartz, Jerold	37-3	Steinhart, Melvin J.	44-3			Young, Alexander W.	38-3
Seed, William T.	44-2	Stenzel, Kurt H.	38-3	Vadeika, Edward	42-2, 40-3	Young, Nathaniel A.	43-3
Seelye, Edward E.	42-2	Stern, Gertrude S.	39-2	Van Allen, Traer	40-3	Yusin, Alvin S.	44-3
Seixas, Frank A.	38-2	Stern, Martin T.	45-3	VandenBergh, Richard	42-3		
Seligmann, Arthur W.	38-2	Stern, Peter H.	38-2	Van Poznak, Alan	37-2		
Sengelmann, Robert P.	45-3	Stevens, Alexander R.	37-3	Veech, Richard L.	43-2		
Seward, John H.	45-3	Stewart, Fred W.	37-3	Verges-Flaque, Albert	42-3		
Seybolt, John F.	39-2	Stewart, Harold J.	37-3	Voeller, Kytja K.	44-3		
Shafer, Donald M.	41-2	Stillerman, Maxwell	39-3	Vorhaus, Louis J.	38-2		
Shapiro, David	38-3	Timson, Philip M.	37-3			Zahn, F. Darwin	45-3
Shapiro, William R.	39-3	Stockheim, Michael S.	40-3	Wade, Preston A.	41-1	Zakheim, Richard M.	44-3
Sharkey, Robert E.	40-3	Stoesser, Sara A.	43-2	Wadsworth, Morton L.	40-2	Zakim, David	38-3
Sharp, Vernon	40-3	Stokes, Peter E.	37-2	Wagner, Lewis C.	37-3	Zetterstrand, Norma M.	40-3
Shashaty, George G.	43-2	Stone, Richard W.	38-1	Wainerdi, Harold R.	38-2	Zetterstrand, Philip A.	45-1
Sheard, Charles III	38-1	Straub, Lee R.	41-2	Wainwright, William H.	40-1	Zipser, Stanley S.	39-2
Shepard, Edward M.	38-2	Straub, Leonard R.	40-1			Zito, Joseph J.	41-3
Shera, W. Robert	43-2	Strickler, James C.	38-1			Zitzmann, Eric K.	45-3
Sheridan, Wallace M.	43-2	Strone, Bernard W.	38-2			Zweifach, Philip H.	45-3

Legacies to the Hospital

The Hospital has been greatly aided by this form of generosity. No precise words are necessary to a valid legacy to the corporation. The following clause, however, may be suggested:

“I give and bequeath to THE SOCIETY OF THE NEW YORK
HOSPITAL the sum of dollars.”

If land or any specific personal property such as bonds, stocks, etc., is given, a brief description of the property should be inserted instead of the words “the sum of dollars.”

A lawyer should be retained to supervise the drawing of the Will and its execution in order to make sure that all requirements of law are complied with. It is advisable to give the Hospital considerable latitude in the use of funds because changing circumstances may otherwise lessen the usefulness of the gift.

Endowed Beds

A bed may be endowed by a donation of not less than ten thousand dollars to the general funds of the Society. The endowment of a bed entitles the donor to nominate, subject to the Rules and Regulations of the Hospital, a patient to the use and occupancy of one bed in the pavilions of the Hospital free of charge, except for special service, for a total of as many days in any twelve months' period as may be determined by the Board of Governors. The privilege of nomination may not extend beyond the generation succeeding the donor, nor for longer than 25 years. The Governors may in their discretion accept such other gifts for endowed beds as they may deem for the best interest of the Society.



Annual Report for 1964

THE SOCIETY OF THE NEW YORK HOSPITAL

The Society of the New York Hospital

A Non-profit Institution / 525 East 68 Street, New York, N.Y. 10021

Contents

About The New York Hospital	2
Officers and Governors of the Society	4
Standing Committees	35
Officers of the Women's Auxiliary	36
Officers of the Ladies' Auxiliary	36
Administrative Officers	36
Report of the President	5
Report of the President of the Medical Board	7
Anesthesiology	8
Medicine	9
Neurology	13
Obstetrics and Gynecology	15
Pathology	17
Pediatrics	18
Psychiatry	23
Westchester Division	24
Radiology	25
Surgery	27
Report of the Director	30
Report of the Nursing Service	32
Report of the Women's Auxiliary	33
Professional Staff	37
Financial Statements	46
Statistics of Service to Patients	52
Donors to the Society	56
Legacies	58
Endowed Beds	59
Donors to the Fund for Medical Progress	61
Index to Professional Staff	68



*Artist's rendering, The New York Hospital-
Cornell Medical Center.*

About The New York Hospital



The first hospital in New York City, at Broadway and Duane.



The second hospital buildings; 16th Street

A private patient's room, 1877



The Hospital today, viewed from the East River.



IN THE YEAR 1771, "sundry publick-spirited persons, influenced by the spirit of benevolence," petitioned King George III of England for a charter of incorporation, the purpose being to establish for the first time in the City of New York "a publick hospital, one of the most useful and charitable institutions..."

The charter was granted and The New York Hospital came into being, operated by The Society of the New York Hospital through its Board of Governors, all of whom are private individuals donating their time and energies to the endeavor. It stands today as monumental, living testimony to the spirit of man's humanity to man.

A non-profit institution, supported by gifts from the public, the Hospital has extended its healing hand to succeeding generations of Americans.

The first buildings, situated in lower Manhattan, received in 1776 the Hospital's first patients. In its 194-year history, the Hospital has cared for four and a half million patients.

From its earliest days, the Hospital has been famous for its forward-looking policies, often anticipating by many years what would later be commonly accepted. Among such policies were its recognition of mental illness as a disease and its care of these patients in a separate building apart from the physically ill. It was the first hospital to have a psychiatric department. In 1821 a new division of the Hospital was opened on Upper Broadway to care for mental patients, called Bloomingdale Asylum. The name was changed to the New York Hospital-Westchester Division when it moved to White Plains, N. Y.

In 1877 the Hospital moved from lower Manhattan to larger quarters on Sixteenth Street and established its School of Nursing. Affiliation with the Cornell University Medical College in 1912 furthered the Hospital's goal of becoming one of the world's great

teaching institutions. Three independently famous hospitals became affiliated with it over the years, later merging legally with the Society of the New York Hospital. They were the Lying-In Hospital, the Manhattan Maternity and Dispensary and the New York Nursery and Child's Hospital. Since 1949, the services in orthopedics and rheumatic disease have been centered in the Society's affiliate, The Hospital for Special Surgery.

The Hospital moved to its present site in 1932. The New York Hospital-Cornell Medical Center, occupying three city blocks at 68th Street and East River Drive, is made up of the Hospital, the Cornell University Medical College and the Cornell University-New York Hospital School of Nursing. The activities of the three institutions are coordinated by a Joint Administrative Board under the active supervision of the Director of the Center.

Throughout its history, The New York Hospital has adhered to a four-fold concept of medicine:

Care of the sick The Hospital exists for the benefit of its patients and has as its goal superior medical care in a patient-oriented environment.

Teaching The Hospital holds to the philosophy that great medical institutions must provide for the teaching and training of doctors, nurses and technicians for tomorrow as well as for the care of the sick today.

Research The Hospital believes that as it applies the best medical knowledge known, it must at the same time actively seek new medical knowledge which will lead to new understanding of disease, new methods of diagnosis and more rapid recovery.

Preventive medicine The New York Hospital works constantly to accelerate the development of new knowledge for the maintenance of health. Its goal is to prevent as well as to cure illness.



Standing Committees: See page 35

Officers / 1965

Frederick K. Trask, Jr., *President*

Francis Kernan, *Vice-President*

Jean Mauzé, *Vice-President for Finance*

Walter G. Dunnington, Jr., *Vice-President for Membership*

Kenneth H. Hannan, *Vice-President and Chairman of the Budget Committee*

Ernest F. Gamache, *Secretary and Treasurer*

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Laurance S. Rockefeller

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Frederick K. Trask, Jr.

Albert Carey Wall

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Alfred L. Loomis

Paul G. Pennoyer

Murray Sargent

Francis Cardinal Spellman

Henry S. Sturgis

Langbourne M. Williams

Henry N. Pratt, M.D., *Director, The New York Hospital*

United States Trust Company of New York, *Investment Management Counsel*

Kelley Drye Newhall Maginnes & Warren, *Counsel*

The New York Hospital—Cornell Medical Center

Joseph C. Hinsey, *Director*

Joint Administrative Board

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Chairman

Arthur H. Dean
Stanton Griffis

Hamilton Hadley
Francis Kernan

James A. Perkins
Walter B. Wriston

Medical Board

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President

John A. Evans, M.D.
Secretary

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Fritz Fuchs, M.D.
Connie M. Guion, M.D.
Allyn B. Ley, M.D.

William T. Lhamon, M.D.
E. Hugh Luckey, M.D.
Wallace W. McCrory, M.D.
Fred Plum, M.D.

Preston A. Wade, M.D.
James H. Wall, M.D.
Joseph C. Hinsey
Ex-officio

Report of the President

FREDERICK K. TRASK, JR.

■ Change presents challenge, and through meeting each challenge comes progress. Particularly in the fields of medical care, teaching and research, the challenge must be met, since progress is measured in human lives.

At their completion in 1932, the New York Hospital-Cornell Medical Center facilities represented the best that science, technology and money could command. Since then, far reaching changes in medical science and practice have created needs for both treatment and research facilities undreamed of when the Center was built. Social and economic changes, such as the increased use of hospital insurance plans, enable far more people to seek hospital care. Continual shortening of in-bed stay has enabled the Hospital to care for more patients in substantially the same number of beds. At the same time, new medical techniques have made it desirable that more treatment be hospital-centered. The intensive medical care now given in hospitals requires more professional personnel, which in turn is in short supply. Adequate housing must be made available if the necessary doctors, nurses and technicians are to be recruited. None of these developments could have been envisioned in 1932.

These and other factors have made it im-

perative that the Center's facilities be enlarged and improved. The first major addition was the Dr. Connie Guion Out-Patient Building opened in 1961. Now, equally important changes are in prospect.

Contributions for the William Hale Harkness Medical Research Building have now reached \$8,000,000 of the goal of \$9,050,000. This building, a facility of the Medical College, will house research directly related to patient care as well as the basic sciences. A bank of elevators in the building will also serve the Hospital. Most important, the tenth floor of the building has been set aside for Hospital operating suites embodying such innovations as use of television and electronic computers for monitoring of the patients' conditions. This floor will, in turn, make possible the remodeling of the present surgical floors which have been in continuous service since 1932.

In late 1964, the site was cleared for the Laurence G. Payson House and actual construction will begin in April, 1965. This 35-story building, to be financed on a conventional basis with the aid of Phipps Houses, will house approximately a thousand people. The tenants will be members of the medical, nurs-

ing and administrative staffs and their families.

The Fund for Medical Progress, a joint effort of the New York Hospital-Cornell Medical Center and the Cornell University-New York Hospital School of Nursing, has been charged with the responsibility of securing the funds not only for urgent physical needs such as those mentioned above but also for increased endowment. With constantly rising costs, 1932 endowments have proved grossly inadequate to serve present and future needs. The \$60,000,000 goal of the Fund, revised upward approximately \$5,000,000 from original estimates to reflect the enlarged Harkness Building plans, includes some \$37,000,000 for support of clinical, teaching and research programs and unrestricted endowment. At the close of 1964, \$49,000,000 or more than 80 per cent of the goal had been subscribed. Of the balance still to be raised \$1,000,000 will rebuild and expand the Woman's Clinic, \$1,000,000 will complete and equip the new surgical floor, and \$2,000,000 will reorganize the elevator system and greatly accelerate vertical transportation; the remaining \$7,000,000 will be applied to professorships and other forms of endowment about equally divided between the Hospital and the Medical College.

This is perhaps the most ambitious as well as the most greatly needed capital program ever undertaken at one time by a medical institution. If it can be completed on schedule by the end of 1965, the Society will indeed have cause to be grateful to the dedicated individuals and groups who are making this possible.

Consistent with its historic role in caring for human ailments of all types, the Hospital treated during the year 34,907 in-bed patients and 44,418 ambulatory patients in New York City and at the Westchester Division in White Plains. While the large majority of these patients live in the greater New York and Westchester areas, about 700 came from more

distant places, including such remote points as Lebanon, Iran and Hong Kong. In treating this large and varied group, our staff concurrently taught medical and nursing students, both undergraduate and post graduate, and conducted research in a multitude of disciplines. All of this work was done not in an ivory tower but in close day-to-day contact with immediate issues and problems.

The research carried on at the Center, both in the clinical and in the basic science departments, channels into a great network of scientific communication which crosses borders between specialties, between institutions and even between nations. Representatives of the Center have accepted positions of responsibility at every level, from the city at our doorstep to Presidential commissions in Washington and overseas. It is a source of satisfaction that the Center provides this leadership.

The Board of Governors notes with deep regret the loss of two outstanding members, Landon K. Thorne and A. Conger Goodyear.

On behalf of the Board, I wish to express appreciation for the far-sighted and devoted leadership of Dr. Joseph C. Hinsey, Director of the Center; Dr. Henry N. Pratt, Director of the Hospital; Miss Muriel Carbery, Director of Nursing Service; Dr. James H. Wall, Medical Director of the Westchester Division; and Ernest F. Gamache, Secretary-Treasurer. Dr. Frank Glenn, President of the Medical Board, and his colleagues have supervised the medical affairs of the Hospital in outstanding fashion. Dr. John Deitrick, Dean of the Medical College, has given us the benefit of his constant interest and collaboration.

I must also express my gratitude to my fellow members of the Board of Governors of the Society and the Joint Board of the Center for their counsel and support, without which the accomplishments of the past year could not have been realized.

Report of the President of the Medical Board

FRANK GLENN, M.D.

■ During the year just past a strong effort has been made to provide patients of The New York Hospital with integrated, coordinated medical care, as well as comprehensive care. The problem of "fragmentation of the patient" has grown as increased medical knowledge has led to increased specialization. One attack on the problem is to coordinate specialists into teams who work together on the total problems of the patient. The technique calls for interdisciplinary conferences, for cross attendance at clinics and for machinery for regular consultations between departments.

Readers of the reports which follow will find, among many other examples, clear evidence of this movement in the Pediatrics Department, which among other moves has brought sub-specialty consultants into its general clinic; in the strengthened liaison between the Psychiatric service and the many departments of the main hospital, with consequent enrichment of research and patient treatment; and in the Department of Medicine, where a many-pronged attack is being waged on the multiple aspects of cardiovascular disease. The new Coronary Care Unit is a typical example of interdisciplinary effort in patient care. In this facility the Departments

of Medicine, Surgery and Anesthesiology have joined with the Nursing Service to provide a unique resource for prevention of death due to coronary disease.

It is expected that this significant trend toward integrated medicine will continue and gather momentum.

Professional activities of the Hospital are reported by individual departments on the following pages. Staff changes during the year were as follows:

New appointments and promotions Dr. A. Whitley Branwood joined the staff as Attending Pathologist and Dr. Elliott L. Weitzman as Associate Attending Psychiatrist. Drs. Elliot Hochstein, Edward W. Hook and David D. Thompson were promoted to Attending Physicians, and the following to Associate Attending Physicians: Drs. William N. Christenson, John W. Dougherty, Lawrence E. Hinkle, Jr., Graham H. Jeffries, Thomas Killip III, Mack Lipkin and Robert H. Melchionna. Dr. Gerald H. Klingon and Dr. August G. Swanson were appointed Associate Attending Neurologists.

Dr. Vernon H. Sharp was made Consultant in Psychiatry for the Westchester Division. Dr. Henry R. Shinefield was promoted

to Associate Attending Pediatrician. The following were made Attending Surgeons: Drs. Peter Dineen, George Holswade, Bjorn Thorbjarnarson and George E. Wantz, and Dr. William Cooper in Orthopedics. Drs. Edward I. Goldsmith and Henry Mannix, Jr., were promoted to Associate Attending Surgeons, Dr. Miles A. Galin to Associate Attending Surgeon in Ophthalmology, and Dr. John R. Williams to Associate Attending Surgeon in Otolaryngology.

Retirements and resignations On December 31, 1964, Dr. R. Gordon Douglas retired as Obstetrician and Gynecologist-in-Chief after more than three decades of service on the attending staff. He was appointed Consultant in Obstetrics and Gynecology. Dr. Douglas also accepted a post as director of the new maternal and child welfare program for comprehensive maternal care conducted by the New York City Department of Health. On January 1, 1965, Dr. Fritz Fuchs will succeed Dr. Douglas as Obstetrician and Gynecologist-in-Chief.

Dr. Ade T. Milhorat, Attending Physician, and Dr. Katharine Butler, Associate Attending Physician, were made Consultants in Medi-

cine. Dr. Heinz F. Eichenwald, Attending Pediatrician, resigned to become Professor and Chairman of the Department of Pediatrics, Southwestern Medical School, Pediatrician-in-Chief of Parkland Memorial Hospital and Chief of Staff at Children's Medical Center.

Dr. Samuel W. Dooley, Associate Attending Pediatrician, accepted an appointment on the faculty of the University of California School of Public Health. Dr. August G. Swanson, Associate Attending Neurologist and Associate Attending Pediatrician, resigned to head the Division of Neurology at the University of Washington School of Medicine. Dr. William G. Thurman, Associate Attending Pediatrician, was appointed Professor and Chairman of the Department of Pediatrics of the University of Virginia School of Medicine.

Deaths Dr. Charles T. Snyder, Associate Attending Obstetrician and Gynecologist and Clinical Associate Professor, died suddenly on February 26. Dr. Snyder had been a member of the staff since the establishment of the Center here in September of 1932.

Dr. William J. Mersereau, a member of the Department of Medicine Courtesy Staff, died on June 3, 1964.

Anesthesiology

JOSEPH F. ARTUSIO, M.D., *Anesthesiologist-in-Chief*

■ The Department administered 20,473 anesthetics in 1964, an increase of more than three hundred over the year 1963. Sixteen attending anesthesiologists assisted Dr. Joseph F. Artusio, Jr., in patient care, teaching and research. Eighteen residents received all or part of their training during 1964.

A five-year study of myocardial infarctions and surgery was completed by the Department during the year. A total of 12,712 male surgical patients over the age of 50 was studied and their cases followed. The object of the investigation was to develop some valid statistics concerning the risk of anesthesia and surgery

for a patient who had previously suffered myocardial infarction.

The conclusion was that patients who had a previous myocardial infarction were far more likely to have a second infarction following surgery than those who had not. The study also showed that the length of time between the first infarction and surgery was important, the most critical period being in the first six months. After three years, the incidence is only 1%. The duration and type of surgery and the choice of anesthesia appeared not to be a factor. The study has been published.

Dr. Van Poznak returned to the Anesthesia Research Laboratory of the Department

after two years in research in the Department of Pharmacology under the direction of Dr. Walter Riker. Dr. Francis M. Tiers resigned to become the Director of the Department of Anesthesiology of the Jersey City Medical Center. Dr. Alexander Gotta joined the attending staff and assumed Dr. Tier's responsibilities in the Nerve Block Clinic.

Dr. Peter W. T. Yu, who completed his residency in 1962, returned to the Department as an assistant attending anesthesiologist after two years in the Armed Forces.

Dr. Dragon Borovac joined the attending staff; he was previously with the New York University Medical College.

Medicine

E. HUGH LUCKEY, M.D., *Physician-in-Chief*

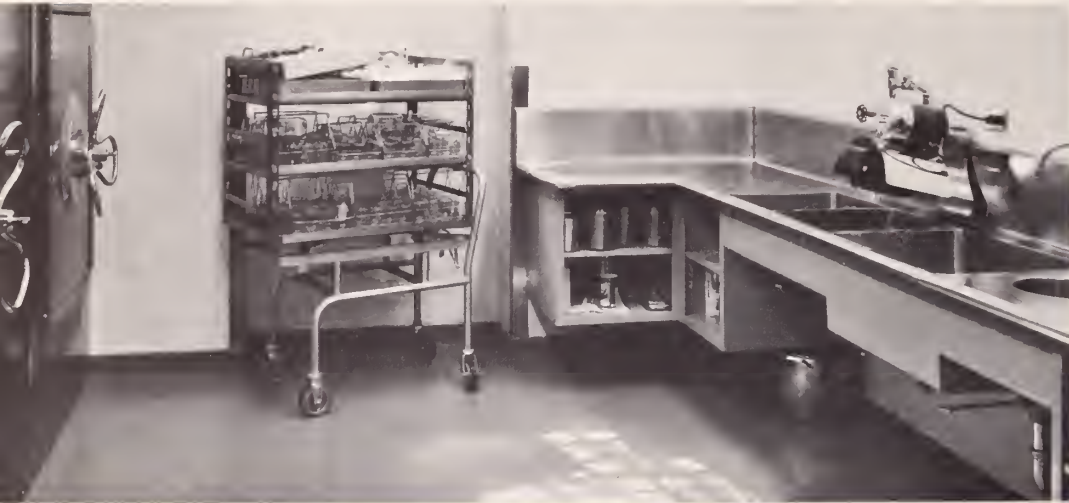
■ The diversity of responsibilities and interests of the Department of Medicine is reflected in its administrative organization into a number of major divisions, each primarily devoted to a particular group of problems or diseases, but all sharing certain things in common. They are all engaged in scientific investigations; they are all involved in teaching and training; they are all concerned with the total care of patients. Indeed, it is the last of these activities which determines the aims of the other two, and which establishes within the diversity of the Department of Medicine, the essential unity stemming from the ultimate purpose of all medicine, which is to provide the best possible preventive and therapeutic care for the human beings whom it serves.

While this principle might be exemplified by reference to any one of a number of improvements in patient care established in the Hospital during the year, it is perhaps best illustrated in the area of cardiovascular diseases, the single group that still causes the greatest number of deaths and disabilities in the United States of America.

Toward the close of the year, the first patients were admitted to a new intensive care unit for victims of myocardial infarction. Designed around a central nursing station and equipped with the most modern electronic equipment for monitoring various aspects of cardiac function, this five-bed facility will make it possible for carefully trained physicians and nurses to provide these patients with

In the Microbiology Laboratory, 73,908 tests were made during the year, an increase of 74 percent over ten years ago.

In the new formula room, bottles are automatically sterilized; 68 infants' formulas are prepared at once. During 1964, 351,860 baby bottles were prepared for tiny patients.



In the Coronary Care Unit, a specially trained nurse observes the heart action of four patients, as projected on screens by electronic equipment.



In the DuBois Research Pavilion, a patient's intake of fluids is carefully measured and recorded.

the very best medical care presently available.

Such care, however, is based upon the kind of research that is pursued not only in the Division of Cardiovascular Diseases, but also in other divisions of the Department of Medicine, in other departments of the Hospital and the Medical College, and in cooperative projects with scientists throughout the country and in many parts of the world. The new unit will itself provide opportunities for detailed investigation of the causes of cardiac arrest in myocardial infarction and for continuous evaluation and improvement of current therapeutic methods. Similar studies have already resulted in distinct progress in the treatment of patients with a variety of cardiovascular disorders.

The various sub-groups of the Division of Cardiovascular Diseases are engaged in wide-ranging studies. The Clinical Cardiology Group, headed by Dr. Thomas Killip, has been working with electric pacemakers in the management of complete heart block. In a joint project with the Department of Surgery, 22 patients with this serious condition persisting despite other treatment, have had electric pacemakers surgically implanted in their hearts. Though the average age in these cases was 76 years, there was only one operative death while the other results have been entirely satisfactory.

Dr. John Kimball and Dr. Killip have recently devised a new bedside technique for selected cases whereby a pacemaker is introduced through the skin, thus eliminating the difficulties associated with the older and more complex method of passing the catheter via a vein. This sub-group has continued its interest in the many serious disturbances of rhythm found in various diseases of the heart. Dr. Killip and Drs. James Gault, Ralph Baer, and Costas T. Lambrew have been working in this area. In a cooperative study with Dr. Lawrence E. Hinkle, head of the Division of Human Ecology, Dr. Susan T. Carver has been moni-

toring the cardiac rhythm of people with known or suspected arrhythmias by applying to them a miniature tape recorder which provides an 8 to 10 hour electrocardiogram.

Other problems related to the cardiovascular system are also under study. Drs. Baer and Killip have continued their study of the mechanism of norepinephrine tolerance. Dr. Stanley Yormak is investigating the effect of ventricular rate changes in complete heart block on cardiac function. Drs. Milton Hollenberg and Joseph Dougherty have been working with the Department of Radiology in using a radioactive indicator to measure variations in regional blood flow in different diseases, and with the Department of Surgery in attempting to clarify some of the circulatory mechanisms of renal homograft rejection.

Headed by Dr. Daniel S. Lukas, the Cardio-Pulmonary Laboratory has been applying highly refined and sophisticated techniques to a number of problems. Drs. Anthony DeMartino and Ludwig Klein have concentrated upon the metabolism of digoxin and digitoxin, two of the important glycoside family of drugs used in the treatment of heart failure. This disease, and mitral stenosis as well, often causes the accumulation of fluid in the lungs, and Dr. Lukas and his associates have revealed certain facts further explaining this phenomenon. They have also continued to evaluate various delicate methods for measuring blood flow to the heart muscle.

The Vascular Diseases Group has continued to extend the work on anticoagulant therapy for heart attack, stroke, and other cardiovascular diseases initiated many years ago under the leadership of Dr. Irving S. Wright. Dr. Margaret Todd, working with a group at the Mayo Clinic, has investigated changes in the clotting mechanism associated with pregnancy. Dr. Todd and Dr. Ellen McDevitt are engaged in a joint study with Drs. C. Richard

Minick of the Department of Pathology and Fletcher McDowell of the Department of Neurology to ascertain the effect of heparin on atherosclerotic lesions in animals. Activation of the Guttman Laboratory this year has permitted study of patients with various circulatory diseases under controlled environmental conditions and observation of the effects of certain drugs and of alcohol.

Two additional groups within the Division of Cardiovascular Diseases are the Laboratory of Myocardial Metabolism, headed by Dr. Norman Brachfield, and the Hypertension Laboratory, headed by Dr. Richard Lee. These have been engaged in research directly related to their specific functions.

Other divisions of the Department of Medicine are also engaged in studies that may yield information important in the prevention and treatment of cardiovascular diseases. The Division of Allergy and Infectious Diseases, headed by Dr. Edward Hook, has initiated a program of training and research in infectious diseases and tropical medicine in cooperation with the Department of Medicine of the University of Bahia School of Medicine in Salvador, Brazil. In one of many planned research projects, they will study Chagas' Disease, a serious heart ailment of parasitic origin that is endemic in various tropical countries.

Dr. B. H. Kean, who is in charge of activities in tropical medicine and medical parasitology, has recently published a survey of current knowledge about parasites of the heart.

Basic work on cardiovascular diseases is going on under the auspices of the Department of Medicine at Bellevue Hospital. Dr. Lawrence Scherr is studying the cardiac arrhythmias and Drs. McDowell and Henn Kutt are exploring various means to prevent recurrent heart attacks and strokes. Dr. Norton Spritz is investigating the metabolism of lipids, those substances which have been implicated

in the atherosclerosis which may be the major cause of coronary artery and cerebrovascular disease. At the Hospital for Special Surgery, Dr. Sidney Rothbard is working on rheumatic fever, a major cause of valvular heart disease in children and adults.

If cardiovascular diseases are to be conquered, however, some subtle aspects relating to long-term care and prevention will need exploration. Under the general supervision of Dr. George G. Reader, the Division of Social and Ambulatory Medicine, which is responsible for the ambulatory care facilities of the Department, has been investigating various factors in the patient-doctor relationship, the medical regimen prescribed for various dis-

DIVISIONS OF THE DEPARTMENT OF MEDICINE

ALLERGY AND INFECTIOUS DISEASES

Allergy
Infectious disease
Pulmonary disease
Tropical medicine

AMBULATORY MEDICAL SERVICE

CARDIOVASCULAR DISEASES

Clinical cardiology
Cardiopulmonary laboratory
Vascular diseases
Myocardial metabolism
Hypertension laboratory

DERMATOLOGY

GASTROENTEROLOGY

HEMOLOGY AND CLINICAL PATHOLOGY

Clotting laboratory

HUMAN ECOLOGY

METABOLIC DISEASES

Endocrine section
Clinical research
Radioisotope laboratory
Renal diseases
Rogosin laboratories

NEUROLOGY

PHYSICAL MEDICINE

RHEUMATIC DISEASES

Rheumatic fever
Research laboratory

eases, and the influence of relatives and friends. Some of these may be related to success or failure in the management of chronic cardiovascular disorders.

In the Division of Human Ecology, directed by Dr. Lawrence E. Hinkle, Jr., a primary concern has been the influence of the external environment upon coronary heart disease. One aspect of this investigation has been a five-year prospective study of the relation between social mobility, psychological traits, and the occurrence of coronary heart disease in the 260,000 male employees of a nationwide industry. Headed by Dr. Kenneth C. Archibald, the Division of Physical Medicine and Rehabilitation has been attempting to devise improved methods for restoring function to limbs paralyzed by stroke.

While the unity of purpose of the Depart-

ment of Medicine has been illustrated by this brief description of activities in the field of cardiovascular diseases, it could also have been exemplified by reference to any of the human ailments falling within the province of Internal Medicine. The principle, however, is the same in all cases: the staff of a university-teaching hospital must engage in research so as to learn as much as possible about disease; it must conduct a continuous teaching and training program that will prepare doctors, as well as nurses and other medical personnel, to apply this knowledge to the prevention and treatment of human disease; above all it must provide the best patient care available, based upon the information uncovered by research and administered by people who are concerned not only with disease, but with the human beings who are suffering from it.

Neurology

FRED PLUM, M.D., *Neurologist-in-Chief*

■ The year saw a considerable increase in demand for patient services. Admissions to the Neurological Pavilion increased by over 20% and Pavilion consultation requests increased by more than 50%.

The graduate training program in Neurology has been enlarged. All trainees take part of their training on the neurological service of the Bellevue Hospital and the neuropsychiatric service of the Memorial Hospital as well as at The New York Hospital. The combined clinical experience has been valuable, providing unique material from each institution.

Dr. Donald Reis has established a laboratory and initiated studies on the physiology of the motor system of man. Dr. Jerome Posner

has continued to work on brain and muscle enzyme systems. Dr. Fred Plum and Dr. Posner have also been engaged in analyses of the physiology, metabolism and treatment of states producing delirium and coma. Closely related research on the neurologic control of respiration continues in the departmental laboratories.

Dr. Paul McHugh joined the full-time staff in September and is establishing a research program studying the neuro-endocrinologic correlates of behavior. Dr. McHugh has been appointed director of the Hospital's enlarged Electroencephalographic Laboratory. Dr. Donald Simons, who for many years ably directed the laboratory, remains as Chief Consultant.



Obstetrics and Gynecology

R. GORDON DOUGLAS, M.D., *Obstetrician and Gynecologist-in-Chief*

■ The total number of patients discharged, including the newborn, was 13,434 during 1964 as compared with 12,954 during 1963. Adult discharges were 8,693, which was 336 more than in the previous year. Of these, 5,913 were obstetrical and 2,780 were gynecological patients. There were 4,690 deliveries during the year, an increase of 145, compared to 4,545 during 1963. This number equalled 9.5 per cent of all the live births recorded in Manhattan during that period.

The infant mortality consisted of 116 of 4,737 infants, including multiple births, weighing 1.1 lbs. or more. Only 35 of the deaths were in infants that were of term size. If the infants under 2.2 lbs. are excluded, the mortality for all infants was 1.9 per cent. For infants of 5½ lbs. or more, the mortality was 0.8 per cent.

Prematurity continues to be a serious problem, with 70 per cent of the total perinatal deaths occurring in premature infants. Eight per cent of all births on the service were premature, in contrast to about 10 per cent for the City of New York.

Early in the year, administrative arrangements were made to provide total obstetrical care to all clients of a distinguished institution, founded in 1830, which concentrates on providing superior care for girls pregnant out of wedlock. It is anticipated that the number of patients to be served will number about 250 per year.

During 1964, New York City along with many other areas had the greatest measles epidemic of its history. There were 63 patients on the service who suffered from this disease. The significance of the disease, when contracted during the first trimester of pregnancy, rests

in the possibility of congenital anomalies developing in the newborn.

The epidemic provided a stimulus to research and it is now possible to culture the virus from an infected mother or fetus. As a result of these investigations, a technique for immunization may be developed in the course of the next few years.

New help to mothers with the Rh problem is envisioned as a result of work being done by Dr. Roy W. Bonsnes. Such mothers must be delivered before the baby is seriously affected by the condition. At the same time, it is desirable that the term be as nearly complete as possible. The timing of the delivery thus poses a delicate problem. Dr. Bonsnes is collecting data on the spectrophotometric analyses of the amniotic fluid; his tests are designed to determine the degree of affection of the infant while still in-utero, so that there will be a clear guide for the timing of the delivery.

Dr. Bonsnes is also completing an evaluation of a hemagglutination inhibition test for pregnancy. This test has proved so satisfactory and reliable that it has completely replaced the more cumbersome and slower biological tests on our service.

Dr. Melville A. Platt and Dr. Bonsnes are continuing their project on the study of electrolyte metabolism in normal pregnancy and in pregnancy complicated by toxemia and renal disease. Dr. William J. Sweeney is carrying out a clinical investigation on intrauterine synechiae; 2500 hystero grams have been reviewed and 30 cases have been identified. He has also completed a clinical project on the use of a microenema preparation for postpartum patients which is simple, effective and economical. Dr. Sweeney and Dr. Tibor Engel are

continuing their work on asymptomatic bacteriuria.

Dr. Robert Landesman and his associates have studied amniotic fluid from patients for pressor polypeptide levels. This project was initiated following reports that a polypeptide may be involved in the production of toxemia of pregnancy.

A two-year study to determine the effectiveness in pregnancy of one of the sulfanamide diuretics, chlorthalidone, was brought to completion. This study encompassed 2,700 patients, half from the department and half from the Concepcion Palacios in Caracas, Venezuela. Among other observations it was noted that the diuretic was successful in significantly reducing the clinical signs of mild pre-eclampsia.

Dr. Frederick W. Martens has continued his investigation of the use of cryosurgical techniques. Dr. Robert C. Knapp has concentrated his research activities in two areas, heart disease in pregnancy and chemotherapy in pelvic malignancy. He has continued to direct the Obstetrical Cardiac Clinic together with Dr. Lucien Ardit from the Department of Medicine. Drs. Ardit and Knapp have completed a study on Patent Ductus Arteriosus complicating pregnancy with reversal of flow. Drs. Robert Fear and Knapp are studying all patients with congenital heart disease. Dr. Knapp is also collaborating in a chemotherapy study in pelvic malignancies sponsored by the National Cancer Institute.

Drs. Engel and Schaefer are studying all patients whose pregnancy was complicated by previous nephrectomy.

Dr. Stewart L. Marcus returned to the Department in the summer of 1964 after a 14-month leave of absence during which time he was engaged in research in infertility and reproductive physiology at Harvard Medical School and Peter Bent Brigham Hospital. He

has established a laboratory which will be concerned with the various aspects of his research.

During the past year, Dr. Robert N. Melnick completed a five-year survey with Papanicolaou smears of all new antepartum patients. A total of 13,087 consecutive women were studied in our out-patient department and 12 cases of intraepithelial carcinoma of the cervix were found. This was one in every 1,007 pregnancies, which justifies the continued cytological screening of all pregnant patients.

On February 1, a study supported by a Population Council grant was begun in one of the family planning clinics by Drs. Nakamoto and Buchman, designed to evaluate the effectiveness of an intrauterine device. Five hundred patients were seen and followed up in this study, and further evaluation is still in progress.

Dr. John T. Queenan and associates continue their studies on Rh-immunization in pregnancy. An obstetrical immunology clinic meets weekly in order to follow immunized obstetrical patients during their antepartum course. A joint committee representing the Departments of Obstetrics, Pediatrics and the Blood Bank was established for the purpose of reviewing immunized patients and planning their medical care. The committee meets weekly and has improved patient care by coordinating efforts. Research is being carried on in various areas to aid these patients.

A new technique was introduced into the Hospital in 1964 for intrauterine transfusion of babies seriously affected by the Rh factor but too premature to survive extrauterine life. The technique includes delicate X-ray investigations before the transfusion is made through the mother's body into the infant. The technique was used on 7 patients, in some instances on more than one occasion, and in three instances the infants' lives were saved. Hematological evidence showed conclusively that

without the procedure they would not have survived.

During the year, Dr. Dillon continued his clinical evaluation of the transbuccal administration of oxytocin, collecting data on 1,950 patients. Dr. Hortense Gandy has continued her research on the measurement of testosterone and other less active androgens present in peripheral blood of the human female. A double isotope derivative method has been used for the assay of these androgens. Dr. Cyril C. Marcus is conducting a study to discover if there is any advantage in the prophylactic use of new progestational hormones in pregnant patients with a history of recurrent miscarriage or premature labor.

Dr. George Schaefer is doing research in tuberculosis in obstetrics and gynecology. The Obstetrical-Pulmonary Clinic functions well and receives numerous referrals from throughout the city. Drs. Walden and Birnbaum have been conducting an evaluation of the employment of the fetal electrocardiograph.

Dr. R. Gordon Douglas retired from his position as head of the Department at the close of the year and Dr. Fritz Fuchs from Copenhagen, Denmark, became the new Given Pro-

fessor of Obstetrics and Gynecology in the Medical College and Obstetrician and Gynecologist-in-Chief of The New York Hospital. He will assume his duties on Jan. 1, 1965. Dr. Douglas will take a post as director of the new maternal and child welfare program for comprehensive maternal care conducted by the New York City Department of Health. His duties include the establishment and direction of clinics in areas with high infant and maternal mortality rates.

Dr. Charles T. Snyder, Associate Attending Obstetrician and Gynecologist, died suddenly on February 26, 1964. On the previous day, Dr. W. Hall Hawkins, a former member of the staff, died after a long illness. Dr. John F. Dietel died prematurely on November 9, 1964. These losses were deeply regretted by their associates. Three members of the staff, Drs. Mann, Boynton and Langstadt, were on leave of absence during the year because of illness.

Drs. Ware, Carrier, Dwyer, O'Neil, Degnam and Nakamoto completed their graduate education in June. Dr. Nakamoto has remained on the staff as an Assistant Attending Obstetrician and Gynecologist.

Pathology

JOHN G. KIDD, M.D., *Pathologist-in-Chief*

■ The Department of Pathology provides a vital service to patients by performing microscopic analysis of tissues as an aid in diagnosis to physicians and surgeons. During the year 11,301 biopsies were performed, compared with 11,028 in 1963.

Another important function of the Department is performing the "Pap" test, so important in the early detection of cancer in women, and originated by Dr. George Papanicolaou. The cytology laboratory examined 32,892 specimens for this purpose compared

with 29,996 specimens the previous year.

Fundamental aspects of cancer, cardiovascular diseases, anemia and neurological and muscular disorders were studied experimentally in the research laboratories throughout the Department by means of advanced techniques including electron microscopy, immunofluorescence, tissue culture, histochemistry, electron diffraction and X-ray diffraction, as well as the standard techniques.

Post mortem examinations were made in 578 instances. The anatomical findings were widely used in clinical pathological conferences and in other teaching and training exercises throughout The New York Hospital-Cornell Medical Center.

Dr. William Schlaepfer, formerly of Yale, joined the staff of the Department of Pathology in July to work primarily in the laboratory of Neuropathology.

Pediatrics

This little three-year-old girl receives intensive care following an operation to correct a congenital heart flaw.

WALLACE W. McCRORY, M.D., *Pediatrician-in-Chief*

■ The Department of Pediatrics is continually faced with the need to expand services if it is to maintain its standards for comprehensive total child care of highest quality. The pattern of disease in childhood is changing. Congenital malformations now comprise the largest single cause for hospitalization. Psychological problems are also of increasing importance in causing illness in children. The Department's new programs and new research projects indicate the type of growth occurring in the Department's general program.

In the General Pediatric Clinic a new arrangement provides sub-specialty consultants in pediatric hematology, renal disorders, endocrinology and gastroenterology. Also new are daily psychological consultations, and a monthly conference in human genetics.

The pediatric surgical pavilion, under the direction of Dr. S. Frank Redo, admitted 615 children in 1964, and 626 operations were performed. Research is under way in preparation for cardiac homograft transplantation.

The pediatric recreation program continued to provide its unique and valuable services to children, both in-patients and out-patients, facilitating their adjustment to the hospital and speeding their recovery. During the year 1,838 child patients enjoyed 13,793 hours of playroom activities and 3,378 hours of pavilion care. In addition to the full time professional staff, trained volunteers contribute about 425 hours monthly.

The program for the care of the children in the out-patient department who receive support from the Bureau for Physically Handicapped Children is under the direction of Dr. Lenore Levine. The New York Hospital is an approved center for these patients, who suffer from congenital heart disease, seizure disorders, cleft palate, and speech and hearing defects. Children with many other disorders are eligible for support as in-patients.

Dr. Myron Winick, in charge of the expanded Congenital Developmental Problems Project, conducts a weekly birth defects clinic



THE PEDIATRICS DEPARTMENT IN 1964:

Cared for 2,435 hospitalized children

For a total of 33,248 patient days

Treated 3,549 new patients in the
out-patient department

Had 34,889 patient visits to the
21 out-patient clinics

Represented a mobilization of 125 doctors,
and 150 nursing staff members

Caring for over 6,500 children

which saw some 150 patients during the past year. The clinic is tailored to the needs of children who have recoverable problems of a multiple nature, requiring the aid of more than one specialist. The conferring doctors include representatives from neurosurgery, urology and orthopedics, as well as pediatricians and representatives of the pediatric divisions of human genetics, social service, psychology and others.

Service to patients and research are combined in many areas; an example is the Pediatric Welfare Medical Care Project, under the direction of Dr. Margaret T. Grossi with from 150 to 200 pediatric clinic visits per month. This project in association with the Department of Medicine aims to explore the role of voluntary hospitals in meeting broad community health needs.

The fifth and final year of the project, which terminates July, 1965, will see the collection of data and analysis of 1,000 cases.

The Division of Human Genetics, under the direction of Dr. James L. German, is housed in a new suite of laboratories. Besides clinical conferences and consultations, Dr. German has conducted a series of seminars addressed by visiting speakers. Chromosomal studies of blood, bone marrow and skin cells have revealed chromosomal abnormalities in a number of patients and their relatives; among these

are families having more than one member with congenital heart defects, from the clinic of Dr. Mary Allen Engle.

Other clinical syndromes studied include Bloom's syndrome, the "cri-du-chat" syndrome, and "pre-leukemia." The Division of Human Genetics has also conducted basic research on replication of DNA and on lactate dehydrogenase production in human cells in tissue culture.

The Rheumatic Clinic, under the direction of Dr. Wan Mgo Lim, treated some 200 children during the past year. This clinic has a unique file of cases, started in 1912, in which more than a thousand who have had rheumatic fever as children have been followed through adult life. Studies are continuing in the natural history of rheumatic heart disease, in the followup of patients who received short-term steroid treatment for active rheumatic carditis, and in the recurrence of rheumatic carditis with and without continuous oral penicillin prophylaxis.

Dr. Lim's laboratory investigations include the response in vitro of lymphocytes of rheumatic and non-rheumatic children who have had streptococcal infection to streptococcus extract or filtrate, and the response of the lymphocytes in vitro to phytoagglutinins in various concentrations of steroids and other therapeutic agents.

Patients suffering from hemolytic disorders, such as thalassemia (Cooley's anemia), often have a serious problem with fractures of bones. This has prompted a study of magnesium and calcium metabolism by Drs. Carl H. Smith, Marion E. Erlandson and their associates. Magnesium deficiency has also been found in sickle cell anemia. An atomic absorption spectrophotometer has been obtained for the measurement of these minerals through the generosity of the Heckscher Foundation and The Children's Blood Foundation.

Siesta for small patient and friend. Around the clock care was given to 2,435 pediatric patients in 1964.



Studies of coagulation deficiency in new born infants, which have revealed that the principal deficiency appears to be PTA (plasma thromboplastin antecedent) have practical value in treatment of such infants, who may require administration of fresh frozen plasma to control bleeding.

Dr. Myron Winick is engaged in studies aimed at learning causes of dwarfism and growth failure. In observations on the effect of pre-natal and post-natal exposure of rats to periods of decreased oxygen tension, the latter appears to stunt growth, and a smaller than normal number of cells in each organ has been demonstrated by DNA determinations.

Aldosterone production in children with virilizing and salt losing adrenogenital syndrome has been studied by Dr. Maria I. New; a study of androgen metabolism in patients with sexual precocity and other conditions is under way.

The new location of the Adolescent Clinic in the Dr. Connie Guion Building provides more space, permitting an increased patient attendance, and a waiting room apart from infants and children. Rotation of a larger number of house officers has improved patient care and the residents' opportunities for learning about problems of adolescence.

Dr. W. W. McCrory, Professor and Chairman, became President, in June 1964, of both the Society for Pediatric Research and the National Kidney Disease Foundation.

Dr. Samuel Z. Levine, Consultant in Pediatrics, received the Howland Award at the annual meeting of the American Pediatric Society.

Dr. Enrico Gandini, Visiting Assistant Professor of Pediatrics, resigned in November 1964 in order to become Director of the newly organized Department of Human Genetics, Faculty of Medicine, University of Ferrara, Italy.



Psychiatry

WILLIAM T. LHAMON, M.D., *Psychiatrist-in-Chief*

■ In the calendar year 1964 Payne Whitney Psychiatric Clinic provided for the treatment of 335 patients on the in-patient service; there were approximately 12,800 visits by about 1,000 patients in the out-patient department. A wide range of conditions was seen, with a larger than usual number of adolescent patients under care on the in-patient service.

Liaison and consultation services to the main hospital were reviewed during the year, with a conviction that this area of psychiatry in relation to general medicine, pediatrics, and surgery is increasingly important and represents a major service and educational opportunity. Dr. William Wainwright and Dr. Vernon Sharp were particularly active in this work with respect to in-patient problems. The Out-Patient and Comprehensive Care Units explored possibilities for joint teaching and liaison under the direction of Drs. Edward Liang and Stuart Ashman. A monthly teaching exercise involving psychiatry and medicine was started during the year by Dr. Sharp.

Dr. Marvin Stein and others interested in physiological and psychological interactions worked jointly with the allergy clinic and also collaborated with Dr. Murray Dworetzky of the Department of Medicine. Similarly, Dr. Peter Stokes conducted joint studies in medicine and psychiatry. Drs. Frederic Flach and Farouk Faragalla were concerned with studies involving collaboration with the medical department of the Memorial Hospital, the Hospital for Special Surgery, and the Department of Radiology at The New York Hospital.

In other contexts several members of the graduate trainee staff have developed collaborations with members of the faculty of psychology at the New York University in matters

of experimental approaches to respiratory illnesses and perception in paranoid conditions. The joint efforts in the field of cardiovascular events and human ecology by Dr. Lawrence Hinkle of the Departments of Medicine and Psychiatry have continued.

Dr. Alexander Leighton and his group have been working with the Department of Sociology and Anthropology at Cornell University in Ithaca on a study of interactions between patient care services, particularly in the out-patient clinic.

Methods of efficient as well as effective evaluation of patient impairment and diagnosis have increasingly been studied. Contemporary sampling and scaling procedures, the computer-aided analysis of interview and survey data, and the comparison of results from similarly studied groups of patients in several parts of the country make this sort of interdisciplinary work most promising in terms of hopeful improvement in the detection and management of mental illness, particularly in the out-patient areas.

During the year of this report the Payne Whitney Psychiatric Clinic received continued outstanding support from its nursing, occupational therapy and recreational therapy departments and from the administrative and supporting services of the Clinic and the Hospital. Several very generous donations were made.

Continuing support was effectively provided by the hospital volunteers in areas of patient care, teaching of patients and students, and as research assistants.

Dr. Elliott Weitzman was appointed Associate Attending Psychiatrist and Drs. William Wheat and John Hughes were appointed Assistant Attending Psychiatrists.

Westchester Division

JAMES H. WALL, M.D., *Medical Director*

■ During the year The New York Hospital—Westchester Division admitted 301 patients. Of the 331 patients discharged, 285 had either recovered or improved; thus 86 per cent of all patients discharged were definitely benefited by treatment.

The out-patient department for adults and children had 218 patients and their families under treatment in 6,740 interviews. The out-patient department has continued to be closely integrated with other mental health services of the community and is in increasingly close cooperation with the various social agencies.

Seven physicians joined the staff to receive psychiatric training and five physicians completed their residency training this year.

The Westchester Division continues to combine patient care with intensive study of a wide range of illnesses.

The staff is studying the families of schizophrenic patients and evaluating the various types of treatments. Methods of rehabilitation and restoration to home and community have been studied with particular emphasis upon the role of the social worker.

The staff has, through clinical research, made most valuable contributions in pointing out the warning signs of suicide. The studies emphasize life situations as well as the depth of the clinical reactions of patients. They have also shown the differential diagnostic points as regards symptoms of insomnia, the nature of hypochondriasis and the depth of depression, pointing the way clearly to those patients who can be safely treated in out-patient departments and in doctors' offices. These studies have been warmly received by hospitals throughout the country.

The hospital has made progress on the

problem of alcoholism and drug addiction. The various methods of treatment have been carefully evaluated and results compared; not only physical investigations but precise psychological investigations have been carried out. These studies have been most timely in view of the increased interest on the part of the profession and society in this challenging problem.

The intensive work with patients suffering from anorexia nervosa, an hysterical aversion to food, has attracted students and patients from many sections in this area, across the nation and from abroad. The difficulty has been found to exist in the setting of many types of mental reactions. The more serious types have been discovered to be in the setting of schizophrenia, with pronounced themes of renunciation and denial. Many of these patients, however, can be restored.

The effectiveness of electro-shock therapy, tranquilizing and energizing drugs, ambulatory insulin therapy and the psychology of plastic surgery are being studied.

Extensive programs of repairs and replacements have continued. Two new houses for senior physicians were completed.

PAYNE WHITNEY PSYCHIATRIC CLINIC:

106 beds; over 100 psychiatrists,
335 in-patients during 1964
Over 1,000 out-patients treated in
12,800 visits

THE NEW YORK HOSPITAL- WESTCHESTER DIVISION

350 beds; seventy physicians
301 patients admitted in 1964
Over 200 out-patients and their families
treated in 6,470 visits

Radiology

JOHN A. EVANS, M.D., *Radiologist-in-Chief*

■ The Department of Radiology provided a complete range of radiological services in X-ray diagnosis, radiation therapy and use of radioisotopes. During the year 10,400 treatments were given, in contrast to 9,829 the previous year and 106,209 X-ray examinations were made.

In X-ray diagnosis, the cardiovascular section continued to offer the latest angiographic techniques for detailed study of the vascular anatomy of various organ systems afflicted by a variety of disease processes. These range from congenital vascular malformations in infants and children to degenerative vascular disease of the elderly. During the year 155 angiocardiograms were made. Selective angiography has also been used extensively in the past year in the diagnosis and total preoperative evaluation of patients with abdominal malignancies.

Orthopedic problems present a new and promising application for selective opacification of regional arteries and veins. An exhibit on arteriography in orthopedic disease was presented at the annual meeting of the American Roentgen Ray Society by Drs. Mordecai Halpern and Robert H. Freiburger. At this same meeting Dr. Harry L. Stein, a Whitehall Fellow in Radiology, presented an exhibit on selective aortography in diagnosis of aortic valvular disease.

New equipment specially designed for neuroradiological examinations including ventricular air studies was installed to complete a new and efficient neuroradiological service. New ultra shortwave sound equipment for the determination of shifts in midline brain structures was introduced for the use of patients. A research program for the radiological identification of subsegmental arterial occlusions was

begun by Dr. Kuo York Chynn. Dr. Chynn is also applying new techniques for enhancing selective areas of the radiologic film image.

The radioisotope laboratory under the direction of Doctor David Becker continued to expand its activities during 1964, assisting 3,152 patients through 4,218 procedures. New uses for radioisotope techniques have developed so rapidly that any extension of present clinical applications will require further expansion of the laboratory both in terms of space and equipment. In addition to the extremely active program of patient service, the staff of the isotope laboratory is engaged in a broad program of research and teaching.

The section on radiation therapy under Dr. Harry Burnett continues to provide a variety of radiation therapy techniques for patients undergoing treatment for malignant disease. While the number of radiation therapy treatments per year has remained relatively stable over the last decade, significant improvements in the means and methods of application have occurred. Treatment planning and execution is far more precise and time consuming.

Particularly important in recent years has been the use of megavoltage equipment in the treatment of deep seated cancers. In 1964, 4,136 such treatments were given. Substantial and encouraging progress has resulted from the use of new techniques and equipment. The importance of Cobalt or equivalent megavoltage therapy is now a well established clinical fact. An additional Cobalt therapy facility is now necessary to meet present patient needs for this form of treatment.

The radiation physics section under Dr. Elizabeth Focht provided important technical assistance in the study of radiation exposures



in many complex types of diagnostic X-ray examinations. Dr. Focht also introduced a system of programmed learning in physics for the 32 students in The New York Hospital School of Radiography. In addition to the support provided the clinical activities of this Department, Dr. Focht and her staff are also heavily involved in a number of research projects dealing with biophysical problems.

The pediatric radiology section of the Department under Dr. Guido Currarino provided expanded facilities for the radiological examination of children. A new observation

on skeletal changes in Cooley's anemia, relating to premature fusion of epiphyses was published by Drs. Currarino and Marion E. Erlandson. Doctor Currarino also published several other papers on a variety of pediatric radiology subjects.

Drs. Robert H. Freiburger and Philip D. Wilson gave a graduate course to radiologists at the annual meeting of the Radiological Society of North America on Present Concepts of Congenital Hip Dislocation and Dysplasia.

Dr. George Stassa was appointed a Whitehall Fellow in Radiology July 1, 1964.

A pump-oxygenator for cardio-pulmonary bypass (left) lowers body temperature to prevent damage to brain tissue during operation.

Surgery

FRANK GLENN, M.D., *Surgeon-in-Chief*

■ The year 1964 has been one of intense activity throughout the Department, embracing new ventures both in patient care and research. Indicating the tempo in only one of several new areas in general surgery, there have been twelve kidney transplants, as well as progress in laboratory investigations, under the direction of Dr. Edward I. Goldsmith, assisted by Dr. John C. Whitsell II. Dr. Charles K. McSherry, working on hyperbaricity, has established an investigative program in the research laboratory and is bringing into it the methods he has selected from other institutions engaged in this endeavor.

Intracardiac surgery advanced with the correction of complex congenital defects and the replacement of diseased valves. This work is directed by Dr. S. Frank Redo and Dr. George R. Holswade in close cooperation with the cardiologists of Medicine and Pediatrics. Drs. S. W. Moore and George E. Wantz have

treated an increased number of our elder citizens by replacement of aneurysm of the large vessels with prosthesis.

Cancer and other diseases of the gastrointestinal tract are studied in the laboratory as well as in the clinical facilities by Drs. Bjorn Thorbjarnarson, William A. Barnes and Dr. Redo. Injuries, congenital anomalies, and calculous disease of the biliary tract continue to merit the special interest of the general surgical staff because of the extensive disability which they represent.

On July 1, 28 beds were set aside on the eleventh floor for patients requiring major intrathoracic operations. Heretofore such patients were cared for on the general surgical pavilions. The increasing number of patients undergoing open heart surgery and those with unusual respiratory problems have been successfully dealt with only by using complicated specialized equipment, so that their concentra-

tion in one area became necessary. Dr. Arthur J. Okinaka for the past several years has been investigating problems of pulmonary function in the laboratory. Now patients are benefiting from these studies.

In neurosurgery Dr. Bronson S. Ray has continued his interest in surgical hypophysectomy for treatment of breast cancer and selected cases of diabetes, acromegaly, Cushing's disease and exophthalmos. The series has now reached 728. He is also employing transsphenoidal implantation of radioactive yttrium for destruction of the pituitary gland.

Dr. Howard S. Dunbar is directing the treatment of motion disorders by means of stereotaxic surgery and is attempting to correlate electrical recordings from the thalamus with the patient's tremor as a means of proper placing of a lesion in that area. Dr. Russel H. Patterson Jr. has pioneered the clinical application of deep hypothermia to protect the brain and extracorporeal circulatory by-pass to provide a bloodless field, in surgery for intracranial vascular lesions hitherto inoperable.

Drs. John M. McLean and Harvey A. Lincoff in ophthalmology have investigated the effect of extreme cold on the ciliary body as a means of modifying aqueous production. They are also studying the control of infection in silicone implantation for detached retinas.

Dr. Jerry H. Jacobson is studying the electrical activity of the visual system to ascertain the normal relationships and characteristics of the activity recordable from the surface of the eye, and hopes to utilize this information in the diagnosis of clinical problems. A number of human volunteers have undertaken to demonstrate the effect of variation in the parameters of this response.

Dr. Miles A. Galin is doing radioautography in physiological studies of the eyes related to the preservation and restoration of sight. His studies on the mechanism of blood

vessel pressure changes within the eye have proved of great value in diagnosing intracranial lesions. Both these procedures were developed in the ophthalmology laboratories.

In no other section of the Hospital are research accomplishments being so quickly transferred to patient care as in ophthalmology. The cryosurgical approach to retinal detachments, pioneered and developed in this division, is widely used, and freezing techniques are being applied to selected cases of lens extraction, glaucoma and intraocular tumors. New surgical approaches have been tried in a small series of cases of co-existing glaucoma and cataract. A new procedure for deliberate displacement of muscle insertions at the time of strabismus operation has been introduced, with superior results in complicated cases.

The orthopedics division has completed a most active year. Dr. William Cooper has become full-time Director of the Department of Rehabilitation Medicine, a new concept in physical, social, economic and vocational aid to the crippled. The Hospital thus extends its role in this comprehensive drive to assist the handicapped, not only in this city but in the country as a whole.

Outstanding advances have taken place during the year in the restoration of function of the hand, particularly in patients disabled from arthritis. For these patients, implantation of mechanical joints is now a possibility. A symposium on the subject, sponsored by the National Foundation, was held at the Hospital in March, the program being a joint project of Dr. Lee Ramsey Straub from the Hospital for Special Surgery and Dr. Herbert Conway from The New York Hospital.

Dr. James A. Moore and Dr. James M. Holman have directed a major research activity in otolaryngology with the objective of determining the relation of the temporal bone

A nurse in the Thoracic Surgery Unit adds distilled water to the air-shield respirator, to provide air at proper temperature and humidity for the patient.



to hearing. A temporal bone bank has been established by a grant from the Deafness Research Foundation. Recent developments in mechanical transmission of sound beyond eighth nerve degeneration may well reduce the increasing disability among the hard of hearing.

Hare lip and cleft palate are the two most common congenital infirmities confronting the plastic surgeon. The Heckscher Foundation for Children is arranging for the establishment of a national Cleft Palate Registry, fostered by Dr. Herbert Conway, which will provide facilities for studying these problems from the genetic point of view. Dr. Dicran Goulian, Jr., and Dr. Conway have initiated an experimental study on the production of deformities in chick embryos. Dr. James W. Smith had an opportunity to spend some time in India, where he studied the changes in circulation in the tendon of the hand of patients with leprosy.

The Division of Urology continues its active interest in pediatric urological diseases. Dr. Victor F. Marshall and his associates are increasingly successful in the correction of the congenital deformity, exstrophy of the bladder. The problems, however, are numerous and some are still unsolved. A better understanding of the developmental anatomy, reported last year by Dr. Edward C. Muecke, is proving of great assistance.

The urologists have cooperated closely in the renal homotransplant program, and as a result of the experience gained, a patient whose ureter was destroyed by trauma successfully underwent transplantation from its normal site high in the aorta to a femoral vessel in the pelvis. This is the first time that such a procedure has been performed in this hospital. Dr. John H. McGovern in cooperation with Dr. Goldsmith was responsible for this surgical triumph.

Report of the Director

HENRY N. PRATT, M.D.

■ More patients than ever before, 34,907, were admitted to the three divisions of The Society of The New York Hospital during the year 1964. Days of patient care fell slightly from 466,511 to 462,403. The out-patient departments treated 44,418 people, while the Emergency Department cared for 31,435. This means that a total of 110,816 people sought and received help from the Hospital during the year.

These people benefitted from many innovations in diagnostic tools and modes of treatment, as detailed in the various departmental reports. Such raising of standards of patient care requires changes in the Hospital's physical plant, with installation of new facilities and modernization of old ones.

Among the important improvements made during 1964 were the following:

1. The Thoracic Surgery Unit was established and opened in July of 1964. Its 14 pavilion beds, 14 semi-private beds and two large intensive care rooms serve patients who have operations on the lungs and heart. By the close of the year, 229 patients had used its facilities, including 30 who had the dramatic open heart surgery operation.

2. Late in 1964 the Coronary Care Unit was completed, at a cost of \$23,000 for remodelling the area and \$43,000 for equipment. The purpose of this unit is to give intensive care to heart patients during the cru-

cial three to five days immediately following damage to the heart muscle.

3. The Microbiology Laboratory was remodelled and re-equipped at a cost of \$46,000. The necessity for this expenditure is shown by the fact that the tests made annually in this one laboratory increased from 19,419 in 1954 to 73,908 in 1964.

4. The formula room in the sub-basement, where formulas are prepared for infants, was completely modernized at a cost of \$130,000. The new equipment makes it possible to prepare 60 formulas at once under completely sterile conditions.

5. The program for piping oxygen directly into hospital rooms was continued, with 48 additional outlets being installed during 1964. Some \$15,000 annually is allotted for this purpose.

Projects such as these help our patients, but they cost money. The rising cost of hospital care continues to be a matter of concern. At the New York Hospital, the cost of all services to patients rose from \$3,684,000 in 1944, to \$9,848,000 in 1954, to \$22,381,851 in 1964. The problem has been attacked by a continuing drive for economy and a constant search for more efficient utilization of plant and personnel.

The Hospital is always seeking new administrative techniques which will result in savings to the Hospital and to the patient. At

the present time several studies are under way to explore the use of computers in a variety of hospital activities. Among them are a central communication center for out-patient appointments; accumulation and storage of data on admission, transfer and discharge of patients; automatic reporting and posting of charges for all laboratory and x-ray procedures, with the eventual goal of automated patient records; and a tabulation of degree of illness of patients on daily census reports, so that nursing service will be assigned automatically in accordance with need.

The Hospital's ability to provide adequate blood transfusions has been increased by the opening of the New York Blood Center, a co-operative venture of the City's medical community. Dr. August H. Groeschel, Associate Director of The New York Hospital, was the leading figure in the founding of the Center and is President of the Community Blood Council which operates it.

The Fund for Medical Progress will make possible many improvements in the Hospital, with corresponding benefits to the patients it serves. The success of the Fund drive has been a morale booster for those who have the continuing responsibility to stretch hospital dollars over hospital costs. The construction of the Laurence G. Payson House and the William Hale Harkness Medical Research Building in the near future will also be of immense value to the work of the Center.

Every institution is dependent upon the caliber of its personnel. The Hospital has continued measures to attract and hold competent, dedicated employees in all its branches of service. On November 12, 1964, the employees of the Hospital voted against unionization by a margin of 1065 to 359. The vote may be regarded as an endorsement of the Hospital's labor policy, which is based upon good wages and fringe benefits and regard for the dignity

and needs of the individual employee.

The instrumentation of this policy has been aided by a training program, initiated ten years ago, which has helped to develop a corps of competent supervisors who understand the requirements of successful personnel relations. The turn-over rate of personnel was 29 per cent in 1964, the lowest on record.

The Volunteer Department's 426 trained volunteers gave 57,585 hours of dedicated service to the Hospital during 1964. These generous, hard-working people contribute a great deal to the patients' comfort by creating a personal, non-professional rapport with them. To the patients, the volunteers are fellow citizens like themselves who are not sick but happen to care about those who are.

Financial operating results for each division of The Society for 1964 as compared with 1963 were:

	<u>1964</u>	<u>1963</u>
The New York Hospital	\$-265,954	\$-1,155,829
Payne Whitney Psychiatric Clinic	-121,816	-27,343
Westchester Division	<u>195,822</u>	<u>12,711</u>
Total for the Society	\$-191,948	\$-1,170,461

During 1964, provision for depreciation of buildings and equipment was increased to \$1,096,905 as compared with \$1,000,148 in 1963. This increase of \$96,757 was largely referable to the completion and capitalization of major structural improvements at The New York Hospital. Results for 1964 and 1963, excluding all depreciation as an element of expense, were respectively \$904,957 and \$-170,313.

Capital expenditures, other than those for which gifts or funds were specifically designated, came to \$938,952. These expenditures must be made if we are to meet our responsibilities for modern health care and keep pace with medical progress.

Report of the Nursing Service

MURIEL CARBERY, R.N., *Director*

■ Recent great strides in medical knowledge and technology are forcing upon all concerned with the care of hospital patients a reassessment of traditional roles and functions. This applies particularly to the Nursing Service.

Throughout 1964 it was continually necessary to balance the ideal of humanized, individual patient care against increased demands for highly complex technical services. The nurse's unique function has been to minister to the basic human needs of patients, yet today she is asked more and more to function in a technical capacity as the doctor's assistant. Increasingly, nurses perform many of the procedures related to venipuncture and intravenous therapy; aspiration, instillation and irrigation of body cavities; inhalation therapy; hypothermia; peritoneal dialysis; wound care; tracheostomy care; and more recently, the heroic measures used to reverse cardiac arrest.

At the same time, specialization and consequent departmentation of medical treatment make it even more important to plan and coordinate the isolated services so as to focus on the problems of the patient and his family in a situation of stress. While attending to the physical needs of the patient, the nurse is in a unique position to foster harmony in the

hospital environment and to unify and make meaningful an otherwise fragmented type of medical care.

There is a growing trend to concentrate professional nursing knowledge and technical competence in special care teams and circumscribed units within the hospital. This began with early efforts to segregate patients on the basis of their medical needs, continued through the development of post-anaesthesia recovery units for intensive care following surgery, and today is exemplified by the intensive care teams for open heart surgery and other problems. Hemodialysis and organ transplant teams, the pediatric intensive care unit and a host of research efforts which include the use of monitoring equipment indicate the trend of the future.

Our most recent specialized area is the coronary care unit which has been designed and equipped to provide intensive care and monitoring of patients with myocardial infarction during the first few days of illness. A nurse must remain in the unit at all times. The charge nurse has been recruited especially for her duties in the unit and has had extensive experience in all aspects of cardiac nursing.

The special training program for the unit's

nurses includes general principles of cardiology, thorough training in closed-chest cardio-respiratory resuscitation, familiarization with special cardiac monitoring equipment, defibrillatory techniques and other emergency therapeutic and supportive assistance to patients.

Technology and specialization in modern hospital care make it mandatory that Nursing Service concern itself with educational programs to provide the technical competencies needed and to insure the continued growth and development of its staff.

Scholarship aid has encouraged graduate nurses to seek further academic training. This program, funded by the Hospital, provided assistance for 74 nurses in 1964.

The turnover of professional nurses rose slightly from the low of 32.8 percent in 1963. Appointments totaled 416; resignations were 372; the budget allocation was 707.

Thirty-nine members of the 1964 graduating class of Cornell University—New York Hospital School of Nursing joined the Hospital staff.

In its 17th year of fund raising for the

School, the Committee for Scholarships exceeded its previous record and obtained donations totalling \$13,300, bringing the Committee's contributions to a total of \$95,300. This fund alone has assisted 284 students, exclusive of grants made to students who entered school in the Fall of 1964.

The work program for student nurses, which was planned cooperatively with Nursing Service, has proven to be very popular. A majority of those in the School of Nursing work 8-12 hours per week as Assistants in nursing services. Eighty-seven worked full-time for 4 to 10 weeks during the summer of 1964. For the first time, in June 1964, 16 students who had completed their second year in the school took the licensing examination for Practical Nursing. This status made them more valuable to the Hospital's Nursing Service.

In October 1964 the School was reaccredited by the National League for Nursing, after a week-long inspection by two nurse-educators. The League offers a voluntary, professional accreditation which is the highest evaluation a nursing school can receive.

Report of The Women's Auxiliary

Mrs. WILLIAM M. DURYEA, *Chairman*

■ The Women's Auxiliary of the Society of the New York Hospital had a highly successful year in its support of a number of hospital programs.

The Thrift Shop, under the chairmanship of Mrs. Harold Shattuck, reported a profit for 1964 of over \$10,000, while the Gift Shop, with Mrs. Malcolm Smith as chairman, made \$14,000. These sums were used as follows:

To Social Service, \$11,000;

To the General Fund of the Hospital, \$3,000;

To Pediatrics, to provide children with immediate necessities or make a small gesture of reassurance and care where needed, \$400; to assist with the expense of the children's Christmas party, \$200;

To Occupational Therapy, for materials

needed to expand the home care program, \$150;

To the Nursing Department, \$500 for summer recreation and \$1,685 for new curtains in the Graduate Nurses' Lounge.

The Patient's Library through the volunteers circulated 20,000 books, an increase of 8,000 over the previous year. The librarian wrote in her report that the greater use of the library was due mainly to the "efforts of fifteen enthusiastic and well-read volunteers who transmitted their enthusiasm to the readers."

Mrs. Lauretta Robinson, chairman of the fund raising committee, raised \$125,000 for the United Hospital Fund, a record amount.

The scope of the activities of the Auxiliary have now widened to include the Payne Whitney Psychiatric Clinic, with Mrs. W. Allston Flagg and Mrs. Lauretta Robinson as co-chairmen of the committee.

Funds were voted to provide a kitchen for the patients' use in the Clinic building. Dr. Richard N. Kohl, Medical Director, explained the practical and therapeutic needs for the installation, which will enable women patients, who must prepare meals upon leaving the institution, to learn to approach the task without undue emotional stress.

Several recreational events were arranged for the nurses during the year, through the efforts of Mrs. Van Vechten Burger, chairman of the nursing committee, and Miss Foster and Miss Evans of the Nursing Department. Events included a Circle Line boat trip on the Hudson River, attended by 167, a picnic at Rye Beach and one at Jones Beach. Aquafoil tickets to the World's Fair were made available to nurses at greatly reduced rates.

The New York Hospital League held its annual fashion show in April and raised money for its varied activities, which include Halloween parties for the children. Members made tray favors for children in the Pediatrics Clinic. Mrs. Robert MacLean has been succeeded in the chairmanship by Mrs. David Zakim.

Dr. Henry N. Pratt, Director of the Hospital, and Dean Muriel Carbery, Director of the Nursing Service, were guests of the executive committee at luncheons held in January and October.

The success of the program of the Women's Auxiliary is due to the hard work of the chairmen and vice-chairmen, the loyal support of the members and the valuable aid of the Volunteer Department.

Standing Committees of The Board of Governors/1965

<i>Executive Committee</i>	Hamilton Hadley <i>Chairman</i> Ernest F. Gamache Kenneth H. Hannan Mrs. Nathaniel P. Hill	Francis Kernan Louis M. Loeb Jean Mauzé Stanley de J. Osborne	Ogden Phipps Mrs. John T. Pratt, Jr. Henry N. Pratt, M.D. Frederick K. Trask, Jr.
<i>Finance Committee</i>	Jean Mauzé <i>Chairman</i> Benjamin S. Clark	Vincent de Roulet Ernest F. Gamache John L. Loeb	Samuel C. Park, Jr. Henry N. Pratt, M.D. Frederick K. Trask, Jr.
<i>Westchester Division Committee</i>	Edward W. Bourne <i>Chairman</i> R. Palmer Baker, Jr.	Ernest F. Gamache Hamilton Hadley	Henry N. Pratt, M.D. Albert Carey Wall
<i>Payne Whitney Psychiatric Committee</i>	Edward W. Bourne <i>Chairman</i> George F. Baker, Jr.	R. Palmer Baker, Jr. Ernest F. Gamache Walter A. Kernan	Jean Mauzé Henry N. Pratt, M.D.
<i>Membership Committee</i>	Walter G. Dunnington, Jr. <i>Chairman</i> Ernest F. Gamache Mrs. Nathaniel P. Hill	Mrs. Maynard C. Ivison Francis Kernan Devereux Milburn	Augustus G. Paine Willard S. Simpkins John L. Weinberg
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<i>Budget Committee</i>	Kenneth H. Hannan <i>Chairman</i>	Jean Mauzé	Stanley de J. Osborne
<i>Hospital Art Committee</i>	Williard S. Simpkins <i>Chairman</i> William Bailey	Mrs. Tracy Barnes Ernest F. Gamache Henry N. Pratt, M.D.	Mrs. C. A. Herter, Jr. John Walker Mrs. George Henry Warren
<i>Retirement Board</i>	Louis M. Loeb <i>Chairman</i>	Samuel S. Duryee Ernest F. Gamache	Henry N. Pratt, M.D. Albert Carey Wall

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Mrs. Warren R. Hedden
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Mrs. Nathaniel P. Hill
Treasurer

Mrs. Robert Winthrop
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Mrs. Henry A. Carr
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Officers of the Ladies' Auxiliary to the Lying-In Hospital

Mrs. David N. Barrows
President

Mrs. Paul Pryibil
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Mrs. Randolph Gepfert
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Mrs. J. Culbert Palmer
Vice-President

Mrs. Graham G. Hawks
Assistant Treasurer

Mrs. Elmer Kramer
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Comptroller

John H. Keig, C.P.A.

Associate Director

August H. Groeschel, M.D.

Associate Director

William H. Scott

Director, Nursing Service;

Dean, School of Nursing

Muriel Carbery, M.S., R.N.

Associate Dean, School of Nursing

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Associate Director, Nursing Service

Edna E. Tuffley, M.A., R.N.

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William Walton, B.A.

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Ronald Hamann

Administrative Assistant

Edmund Kadysiewski

Assistant to the Director,

Payne Whitney Psychiatric Clinic

Frank W. Hays

Cashier

Joseph W. Casper

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Director, Personnel Health Service

William N. Christenson, M.D.

Purchasing Agent

Lloyd G. Darling

Director, Medical Information Department

Jennie DePrima

Chief, Engineering Department

David Ferguson

Director, Social Service

Marjorie A. Jonas, M.S.

Director, Linen and Laundry

John F. Kenney

Record Librarian

Helen B. Lincoln, B.A., C.R.L.

Acting Supervisor, Protection Department

Christian Jansen

Manager, Accounts

John J. Moore

Director, Building Service

James J. O'Connell

General Storekeeper

Henry E. Schlereth

Director, Nutrition Department

Louise Stephenson, M.S.

Director, Volunteers

Mrs. Margaretta Treherne-Thomas

Chief of Service,

Vincent Astor Diagnostic Service

Robert F. Watson, M.D.

Director, Central Sterile Supply

Katherine Zorn, R.N.

Professional Staff

The following doctors served during all or part of the year 1964:

Consultants

Arthur F. Anderson, M.D.
Pediatrics

Horace S. Baldwin, M.D.
Medicine

Irvin Balensweig, M.D.
Orthopedics

David P. Barr, M.D.
Medicine

Russell L. Cecil, M.D.
Medicine

Edward H. Dennen, M.D.
Obstetrics and Gynecology

Oscar Diethelm, M.D.
Psychiatry

Robert O. Du Bois, M.D.
Pediatrics

Joseph D. Eby, D.D.S.
Orthodontia

Cary Eggleston, M.D.
Medicine

Charles E. Farr, M.D.
Surgery

Connie M. Guion, M.D.
Medicine

James A. Harrar, M.D.
Obstetrics and Gynecology

Helen Harrington, M.D.
Pediatrics

Hedwig Koenig, M.D.
Pediatrics

Samuel Z. Levine, M.D.
Pediatrics

George M. Lewis, M.D.
Medicine

Frank J. McGowan, M.D.
Surgery

Allister M. McLellan, M.D.
Urology

William F. Macfee, M.D.
Urology

Joseph M. Nathanson, M.D.
Obstetrics and Gynecology

Charles T. Olcott, M.D.
Pathology

Eugene L. Opie, M.D.
Pediatrics

Charles H. O'Regan, M.D.
Pediatrics

Russel H. Patterson, M.D.
Surgery

Paul Reznikoff, M.D.
Medicine

Wilson G. Smillie, M.D.
*Public Health and
Preventive Medicine*

Carl H. Smith, M.D.
Pediatrics

Frank R. Smith, M.D.
Obstetrics and Gynecology

Alexander R. Stevens, M.D.
Urology

Fred W. Stewart, M.D.
Pathology

Harold J. Stewart, M.D.
Medicine

Philip M. Stimson, M.D.
Pediatrics

Edward Tolstoi, M.D.
Medicine

Lewis C. Wagner, M.D.
Orthopedics

Charles A. Weymuller, M.D.
Pediatrics

May G. Wilson, M.D.
Pediatrics

Philip D. Wilson, M.D.
Orthopedics

Anesthesiology

ANESTHESIOLOGIST-IN-CHIEF

- Joseph F. Artusio, Jr., M.D.

ATTENDING ANESTHESIOLOGIST

Benjamin E. Marbury, M.D.

ASSOCIATE

ATTENDING ANESTHESIOLOGISTS

Charles Burstein, M.D.
Marjorie J. Topkins, M.D.
Alan Van Poznak, M.D.

ASSISTANT

ATTENDING ANESTHESIOLOGISTS

Raymond G. Barile, M.D.
Dragan Borovac, M.D.
Herbert L. Erlanger, M.D.
Alexander Gotta, M.D.
Ann Huston, M.D.
Barnett J. Junker, M.D.
Louis J. Maggio, M.D.
Gerald J. Millstein, M.D.
George R. Monahan, M.D.
Patricia M. O'Neil, M.D.
Jerold Schwartz, M.D.

Francis M. Tiers, M.D.

Jerome R. Weinroth, M.D.

Peter Wei-Ting Yu, M.D.

Graduate Staff

ANESTHESIOLOGISTS

Mary Ellen Cooney, M.D.
Aileen Kass, M.D.
Luke M. Kitahata, M.D.
Joseph Moccia, M.D.
Parvaneh Modaber, M.D.
Hugh P. O'Shaughnessy, M.D.

Enrique L. Panlilio, M.D.

Colleen A. Sullivan, M.D.

David Susman, M.D.

Krystyna Szmurlo, M.D.

T. Miriam Tani, M.D.

ASSISTANT ANESTHESIOLOGISTS

Leslie L. Balazs, M.D.
Elizabeth Frost, M.D.
Farrell M. Glick, M.D.
Manon Manahan, M.D.
Michael L. Testa, Jr., M.D.
Judith Weingram, M.D.

Medicine

PHYSICIAN-IN-CHIEF

- E. Hugh Luckey, M.D.

ATTENDING PHYSICIANS

Thomas P. Almy, M.D.
John E. Deitrick, M.D.
Claude E. Forkner, M.D.
Richard H. Freyberg, M.D.
Elliot Hochstein, M.D.
Edward W. Hook, Jr., M.D.
Milton L. Kramer, M.D.
Allyn B. Ley, M.D.
Walsh McDermott, M.D.
Ade T. Milhorat, M.D.
Carl Muschenheim, M.D.
Theodore W. Opiel, M.D.
George G. Reader, M.D.
David D. Thompson, M.D.
Robert F. Watson, M.D.
Irving S. Wright, M.D.

ASSOCIATE

ATTENDING PHYSICIANS

George C. Armistead, Jr., M.D.
Jeremiah A. Barondess, M.D.
David V. Becker, M.D.
Katharine Butler, M.D.
Henry A. Carr, M.D.
William N. Christenson, M.D.
Anthony C. Cipollaro, M.D.
George O. Clifford, M.D.
Eugene J. Cohen, M.D.
Frank E. Cormia, M.D.
Farrington Daniels, Jr., M.D.
John W. Dougherty, M.D.
Murray Dworetzky, M.D.
Ralph L. Engle, M.D.
Aaron Feder, M.D.
William T. Foley, M.D.
Constance Friess, M.D.
Susan J. Hadley, M.D.
Lawrence E. Hinkle, Jr., M.D.
Graham H. Jeffries, M.D.
B. H. Kean, M.D.
Edwin D. Kilbourne, M.D.
Thomas Killip, III, M.D.
Henry B. Kirkland, M.D.
Mack Lipkin, M.D.
Daniel S. Lukas, M.D.
A. Parks McCombs, M.D.
Ellen McDevitt, M.D.
Robert H. Melchionna, M.D.
Mary Ann Payne, M.D.
Ralph E. Peterson, M.D.
R. A. Rees Pritchett, M.D.
William C. Robbins, M.D.
Marvin H. Slesinger, M.D.
Israel Steinberg, M.D.
Peter E. Stokes, M.D.
Alphonse E. Timpanelli, M.D.
Douglas P. Torre, M.D.
Bruce P. Webster, M.D.
Byard Williams, M.D.

ASSISTANT

ATTENDING PHYSICIANS

Seymour Advocate, M.D.
Anthony A. Antoville, M.D.
Kenneth C. Archibald, M.D.
Lucien I. Ardit, M.D.
Sam C. Atkinson, M.D.
Olav Austlid, M.D.
Lloyd T. Barnes, M.D.
E. Lovell Becker, M.D.
Carl A. Bernsten, M.D.
Norman Brachfeld, M.D.
J. Robert Buchanan, M.D.
Susan T. Carver, M.D.
Aaron D. Chaves, M.D.
George O. Clifford, M.D.
Denton S. Cox, M.D.
Marion Davis, M.D.
Paul F. de Gara, M.D.
William J. Eisenmenger, M.D.
Borje E. V. Ejrup, M.D.
Albert J. Erdmann, Jr., M.D.
Henry R. Erle, M.D.
John T. Flynn, M.D.
Eugene D. Furth, M.D.
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William Geller, M.D.
Charles H. Goodrich, M.D.
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Roger L. Greif, M.D.
Sidney E. Grossberg, M.D.
Keith O. Guthrie, Jr., M.D.
Milton Hollenberg, M.D.
Eugene L. Horger, M.D.
Melvin Horwith, M.D.
William H. Kammerer, M.D.
J. Harry Katz, M.D.
George L. Kauer, M.D.
Donald Kaye, M.D.
Frederic T. Kirkham, Jr., M.D.
Herbert Koteen, M.D.
John S. La Due, M.D.
Costas T. Lambrew, M.D.
Jerrold S. Lieberman, M.D.
Robert M. Lintz, M.D.
Martin Lipkin, M.D.
Mary E. H. Loveless, M.D.
Donald B. Louria, M.D.
Glenn D. Lubash, M.D.
Norton M. Luger, M.D.
James R. McCarroll, M.D.
Richard R. McCormack, M.D.
Robert M. McCune, M.D.
George A. McLemore, Jr., M.D.
Phillip D. Marsden, M.D.
Willis A. Murphy, M.D.
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Irwin Nydick, M.D.
Artemis G. Pazianos, M.D.
Francis S. Perrone, M.D.
Norman Plummer, M.D.
John C. Ribble, M.D.
Edgar A. Riley, M.D.
Thomas N. Roberts, M.D.
David M. Roseman, M.D.

Isadore Rosenfeld, M.D.
Sidney Rothbard, M.D.
Albert L. Rubin, M.D.
Richard H. Saunders, Jr., M.D.
Paul D. Saville, M.D.
Lawrence Scherr, M.D.
Ernest Schwartz, M.D.
Charles Sheard, III, M.D.
Paul Sherlock, M.D.
Richard T. Silver, M.D.
Aaron D. Spielman, M.D.
Norton Spritz, M.D.
Herman Steinberg, M.D.
Richard W. Stone, M.D.
James C. Strickler, M.D.
William D. Stubenbord, M.D.
Lila A. Wallis, M.D.
Clinton G. Weiman, M.D.
Aaron O. Wells, M.D.
Elliot Weser, M.D.
A. L. Winston, M.D.
Alexander W. Young, M.D.

PHYSICIANS

TO OUT-PATIENTS

Henriette E. Abel, M.D.
Robert R. Abel, M.D.
William A. Anderson, M.D.
Fritz H. Bach, M.D.
Ralph A. Baer, M.D.
Nils U. Bang, M.D.
Bry Benjamin, M.D.
Gordon D. Benson, M.D.
Judith L. Berg, M.D.
Samuel H. Brethwaite, Jr., M.D.
Keeve Brodman, M.D.
Harrison Oliver Brown, Jr., M.D.
John Lyman Brown, M.D.
Veronica C. Brown, M.D.
Bernard H. Burbank, M.D.
Edward A. Burkhardt, M.D.
Donald J. Cameron, M.D.
Eric J. Cassell, M.D.
Foen B. Chu, M.D.
Hugh E. Claremont, M.D.
Melva A. Clark, M.D.
Bayard D. Clarkson, M.D.
Ira B. Cohen, M.D.
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Francis P. Coombs, M.D.
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Carolyn H. Diehl, M.D.
Joseph C. Dougherty, M.D.
Robert E. Dye, M.D.
Robert E. Eckardt, M.D.
George E. Ehrlich, M.D.
Elizabeth A. Eilers, M.D.
Ernest R. Esakof, M.D.
Ralph A. Eskesen, M.D.
M. Elaine Eyster, M.D.
Claude E. Forkner, Jr., M.D.

George W. Frimpter, M.D.
Edward Gendel, M.D.
Fred A. Gill, M.D.
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Selig M. Ginsburg, M.D.
Robert D. Gittler, M.D.
David L. Globus, M.D.
David Gluck, M.D.
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Harry Gold, M.D.
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Oscar E. Goldstein, M.D.
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Seymour Grossman, M.D.
Marshall J. Hanley, M.D.
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James R. Hurley, M.D.
Norman J. Isaacs, M.D.
Abraham S. Jacobson, M.D.
Bernard W. Jaslowitz, M.D.
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Ivan J. Kahn, M.D.
Lawrence I. Kaplan, M.D.
Anna Kara, M.D.
David A. Karnofsky, M.D.
LeMoyne C. Kelly, M.D.
Richard H. Kessler, M.D.
Susan R. Kessler, M.D.
Ludwig Klein, M.D.
Robert L. Kozam, M.D.
Harold L. Leder, M.D.
James W. Ledwith, M.D.
Richard E. Lee, M.D.
Dorothea Lemcke, M.D.
Leo R. Lese, M.D.
Richard J. Leswing, M.D.
Bruce C. Levy, M.D.
Charles M. Lewis, M.D.
Marjorie G. Lewisohn, M.D.
John Lo Verme, M.D.
John F. Marchand, M.D.
Mark R. Marciano, M.D.
Klaus Mayer, M.D.
N. Eileen McGrath, M.D.
Allen W. Mead, M.D.
Walter Modell, M.D.
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Joseph Moldaver, M.D.
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Henry B. Nachtigall, M.D.
Maria I. New, M.D.
Lawrence J. Parish, M.D.
Sydnor B. Penick, M.D.
Richard Perkins, M.D.
Arthur D. Philson, M.D.
Aurelia Potor, M.D.
John H. Prunier, M.D.

James W. Raleigh, M.D.
 Milton Reisch, M.D.
 Sanford M. Reiss, M.D.
 Jack Richard, M.D.
 Thomas G. Rigney, M.D.
 Seymour H. Rinzler, M.D.
 Kathleen L. Rives, M.D.
 Bernard Rogoff, M.D.
 Walter Rubin, M.D.
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 Leonard H. Schuyler, M.D.
 Frank A. Seixas, M.D.
 Arthur W. Seligmann, M.D.
 Edward M. Shepard, M.D.
 Gerald M. Silverman, M.D.
 Harry A. Sinclair, M.D.
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 Alan G. Snart, M.D.
 Chull S. Song, M.D.
 Lawrence S. Sonkin, M.D.
 Herbert J. Spoor, M.D.
 Willard H. Squires, M.D.
 Kurt H. Stenzel, M.D.
 Peter H. Stern, M.D.
 Bernard W. Strone, M.D.
 Katharine Swift, M.D.
 Thomas T. Tamlyn, M.D.
 Janet Travell, M.D.
 Louis J. Vorhaus, II, M.D.
 Harold R. Wainerdi, M.D.
 Anthony S. Werner, M.D.
 Carl Wierum, M.D.
 Florence A. Wilson, M.D.
 Edward A. Wolfson, M.D.
 Edward L. Worthington, M.D.
 Felix Wroblewski, M.D.
 Stanley S. Yormak, M.D.
 David Zakim, M.D.

ASSISTANT
 PHYSICIANS TO OUT-PATIENTS
 Harry Bienenstock, M.D.
 Vincent A. Cipolaro, M.D.
 Wilbur Gershenson, M.D.
 Joel M. Gross, M.D.

Lawrence S. Helfer, M.D.
 Samuel Landau, M.D.
 Paul Rueggsegger, M.D.
 David Shapiro, M.D.
 Martin Sonenberg, M.D.

PROVISIONAL ASSISTANT
 PHYSICIANS TO OUT-PATIENTS
 Joseph A. Abbott, M.D.
 Emory C. Beechwood, M.D.
 Bertrand M. Bell, M.D.
 Francis A. Boddy, M.D.
 Robert T. Bonford, Jr., M.D.
 Jose A. F. da Silva, M.D.
 Norman H. Ertel, M.D.
 Luc Alphonse F. Eyckmans, M.D.
 Willard B. Fessenden, M.D.
 John W. Forline, M.D.
 Lionel O. Friedman, M.D.
 Neil D. Gallagher, M.D.
 Martin Gardy, M.D.
 Teruo John Gemba, M.D.
 Tuvia Gilat, M.D.
 Shreekant V. Gokhale, M.D.
 Joseph A. Grossman, M.D.
 Sigurdur T. Gudmundsson, M.D.
 Bruno Hanhart, M.D.
 Karl E. Keller, M.D.
 John M. Kendall, M.D.
 John T. Kimball, Jr., M.D.
 Walter M. Lewis, M.D.
 Nicholas T. Macris, M.D.
 Satish K. Mehta, M.D.
 Jean-Paul Meyer, M.D.
 Matilde Mizrachi, M.D.
 Willibald Nagler, M.D.
 Keith Peterson, M.D.
 Joao de S. Pondé, M.D.
 Carol Fay Rutgers, M.D.
 Martin J. Shulman, M.D.
 Alfred W. Steinbeck, M.D.
 Emanuel Theodor, M.D.

DIRECTOR, PHYSICAL MEDICINE
 AND REHABILITATION
 Kenneth C. Archibald, M.D.

Graduate Staff

PHYSICIANS
 Harvey G. Kemp, Jr., M.D.
 Donald N. MacKay, M.D.

ASSISTANT PHYSICIANS
 C. Wayne Bardin, M.D.
 H. Richard Beresford, M.D.
 James L. Boyer, M.D.
 Kent P. Bradley, M.D.
 Blaine A. Braniff, M.D.
 Robert W. Brennan, M.D.
 Howard F. Bunn, M.D.
 Edward W. Callahan, Jr., M.D.
 Yank D. Coble, Jr., M.D.
 Robert N. Deutscher, M.D.
 Edwin Ettinger, M.D.
 Sidney J. Fillmore, M.D.
 Thomas P. Forde, M.D.
 James H. Gault, M.D.
 Howard Goldin, M.D.
 Noemi Guindon, M.D.
 Joseph G. Hayes, M.D.
 Carl A. Hedberg, M.D.
 James R. Hurley, M.D.
 George Isaacs, M.D.
 Warren D. Johnson, Jr., M.D.
 Thomas Clifford Jones, M.D.
 Neil Kaminsky, M.D.
 Arthur Karanas, M.D.
 Henry T. Keutmann, M.D.
 Harvey Klein, M.D.
 Neil Klein, M.D.
 Mary Jeanne Kreek, M.D.
 Richard W. Miller, M.D.
 Norman Olivier, M.D.
 Walter J. Orr, M.D.
 Kirk L. Peterson, M.D.
 Raymond E. Phillips, M.D.
 Johanna Pindyck, M.D.
 Robert C. K. Riggins, M.D.

Albert M. Ross, M.D.
 William Schneider, M.D.
 George G. Shashaty, M.D.
 Joseph D. Shields, III, M.D.
 Carter Smith, Jr., M.D.
 James P. Smith, Jr., M.D.
 Sara Ann Stoesser, M.D.
 Cecil deWayne Tripp, M.D.
 James C. Trombold, M.D.
 Richard L. Veech, M.D.
 John H. Walsh, M.D.
 Thomas F. Whayne, M.D.
 Peter D. Williamson, M.D.
 Robert J. Winchester, M.D.

INTERNS
 Gary Birnbaum, M.D.
 Phillips K. Champion, M.D.
 Roger G. Cornell, M.D.
 R. Carter Davis, M.D.
 Frank G. deFuria, M.D.
 J. Donald Easton, M.D.
 David A. Follett, M.D.
 David H. Fulmer, M.D.
 Seymour Gendelman, M.D.
 Eli J. Glatstein, M.D.
 Arthur H. Hayes, Jr., M.D.
 John T. Jones, M.D.
 Homer Knizley, Jr., M.D.
 Leo E. Kreuz, M.D.
 Wade H. Lefler, Jr., M.D.
 Timothy B. Moritz, M.D.
 Walter E. Mountcastle, M.D.
 William R. Scott, M.D.
 Charles R. Steinberg, M.D.
 John D. Van der Decker, M.D.
 Gary I. Wadler, M.D.
 Judith J. Woodruff, M.D.

Neurology

NEUROLOGIST-IN-CHIEF
 • Fred Plum, M.D.

ATTENDING
 NEUROLOGIST
 Henry S. Dunning, M.D.

ASSOCIATE
 ATTENDING NEUROLOGISTS
 Gerald H. Klingon, M.D.
 Fletcher H. McDowell, M.D.
 Donald J. Simons, M.D.

ASSISTANT
 ATTENDING NEUROLOGISTS
 Paul R. McHugh, M.D.
 Thomas S. Guthrie, M.D.
 Jerome B. Posner, M.D.
 Donald J. Reis, M.D.

NEUROLOGIST TO OUT-PATIENTS
 Luigia Norsa, M.D.

ASSISTANT
 NEUROLOGIST TO OUT-PATIENTS
 Rosalie A. Burns, M.D.

PROVISIONAL ASSISTANTS
 TO OUT-PATIENTS
 David C. Bontecou, M.D.
 Wayne E. Crill, M.D.

David F. Dozier, M.D.
 James M. Haynes, M.D.
 Roy F. Kokenge, M.D.
 Richard Kossmann, M.D.
 John E. Lee, M.D.
 Hart DeCoudres Peterson, M.D.
 Alexander G. Reeves, M.D.
 William R. Shapiro, M.D.
 Bart Troy, M.D.
 Claude Wasterlain, M.D.

Obstetrics and Gynecology

OBSTETRICIAN AND GYNECOLOGIST-IN-CHIEF

- R. Gordon Douglas, M.D.
to 12/31/64
- Fritz F. Fuchs, M.D.
from 1/1/65

ATTENDING OBSTETRICIANS AND GYNECOLOGISTS

Ralph W. Gause, M.D.
J. Randolph Gepfert, M.D.
William P. Given, M.D.
Oscar Glassman, M.D.
Arthur V. Greeley, M.D.
Carl T. Javert, M.D.
Donald G. Johnson, M.D.
Elmer E. W. Kramer, M.D.
Charles M. McLane, M.D.
Nelson B. Sackett, M.D.

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Hugh R. K. Barber, M.D.
Justin T. Callahan, M.D.
John T. Cole, M.D.
E. William Davis, Jr., M.D.
Thomas F. Dillon, M.D.
William F. Finn, M.D.
Graham G. Hawks, M.D.

Robert Landesman, M.D.
Edward C. Mann, M.D.
Bernard N. Nathanson, M.D.
George Schaefer, M.D.
E. Fletcher Smith, M.D.
William J. Sweeney, III, M.D.

ASSISTANT ATTENDING OBSTETRICIANS AND GYNECOLOGISTS

Naef K. Basile, M.D.
Charles H. Bippart, Jr., M.D.
Stanley J. Birnbaum, M.D.
Perry S. Boynton, Jr., M.D.
Jerome Henry Brander, M.D.
Alfred Brockunier, Jr., M.D.
Myron I. Buchman, M.D.
David B. Crawford, Jr., M.D.
Anthony A. Deep, M.D.
John A. D'Urso, M.D.
Walter L. Freedman, M.D.
Hortense M. Gandy, M.D.
Hugh Halsey, II, M.D.
James P. Johnson, M.D.
Robert C. Knapp, M.D.
John R. Langstadt, M.D.
Cyril C. Marcus, M.D.
Stewart L. Marcus, M.D.
Frederick W. Martens, M.D.

Robert N. Melnick, M.D.
Myles C. Morrison, M.D.
Masao Nakamoto, M.D.
Virginia K. Pierce, M.D.
Melville A. Platt, M.D.
John T. Queenan, M.D.
Richard A. Ruskin, M.D.
S. Francis Ryan, M.D.
Frederick Silverman, M.D.
Jay B. Skelton, M.D.
Edward F. Stanton, M.D.
E. Thomas Steadman, M.D.
William D. Walden, M.D.
Virginia Werden, M.D.
Robert E. Wieche, M.D.

PROVISIONAL ASSISTANT OBSTETRICIAN AND GYNECOLOGIST

Sanford M. Markham, M.D.

Graduate Staff

OBSTETRICIANS AND GYNECOLOGISTS
Daniel W. Adams, M.D.
Gerald G. Anderson, M.D.

Thomas C. Carrier, M.D.
Robert E. Hardy, M.D.
Richard F. Hnat, M.D.
H. Hudnall Ware, III, M.D.

ASSISTANT OBSTETRICIANS AND GYNECOLOGISTS

Alan Morton Blank, M.D.
Charles Culbert, M.D.
Robert D. Degnan, M.D.
John F. Dwyer, M.D.
Tibor Engel, M.D.
Robert Fear, M.D.
Robert J. Fitzgerald, M.D.
Wilma Gladstone, M.D.
Albert C. Lesneski, M.D.
Robert M. Livingston, M.D.
Paul H. McCleary, M.D.
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PROVISIONAL

ASSISTANT SURGEONS

William M. Cocke, Jr., M.D.

Robert J. Hoehn, M.D.

Peter W. McKinney, M.D.

Graduate Staff

PLASTIC SURGEONS

Leon I. Block, M.D.
Norman E. Hugo, M.D.

ASSISTANT PLASTIC SURGEONS

Vincent M. Hogan, M.D.
George M. Lacy, M.D.

Urology

ATTENDING SURGEON IN CHARGE

- Victor F. Marshall, M.D.

ATTENDING SURGEONS

John W. Draper, M.D.
Willet F. Whitmore, Jr., M.D.

ASSOCIATE

ATTENDING SURGEONS

Robert S. Hotchkiss, M.D.

Gustavus A. Humphreys, M.D.

John H. McGovern, M.D.

ASSISTANT

ATTENDING SURGEONS

Francis A. Beneventi, M.D.
Mitchell Brice, M.D.
Edward C. Coats, M.D.
Robert D. Deans, M.D.
J. Edwin Drew, M.D.
John G. Keuhnelian, M.D.
Russell W. Lavengood, Jr., M.D.
Frederick C. McLellan, M.D.

SURGEONS TO OUT-PATIENTS

Anthony N. Spinelli, M.D.
Albert Verges-Flaque, M.D.
John R. Woodard, M.D.

Graduate Staff

SURGEONS

Kamal T. Hemady, M.D.
Edward C. Muecke, M.D.

ASSISTANT SURGEONS

Gerald T. Cook, M.D.
Myron E. Freund, M.D.
Daniel G. Kelly, M.D.
Warren W. Koontz, Jr., M.D.
Richard G. Middleton, M.D.
Isam Sakati, M.D.
William S. Tunner, M.D.

New York Hospital / Westchester Division

MEDICAL DIRECTOR

▪ James H. Wall, M.D.

ASSISTANT MEDICAL DIRECTOR AND CLINICAL DIRECTOR

Curtis T. Prout, M.D.

PHYSICIAN IN CHARGE OF MEN'S DEPARTMENT

Donald M. Hamilton, M.D.

PHYSICIAN IN CHARGE OF WOMEN'S DEPARTMENT

Harry H. Moorhead, M.D.

PHYSICIAN IN CHARGE OF OUT-PATIENTS

William K. McKnight, M.D.

DIRECTOR OF LABORATORIES AND INTERNIST

Hollis E. Clow, M.D.

ASSISTANT TO DIRECTOR OF LABORATORIES AND PHYSICIAN TO EMPLOYEES

Maura Lynch Flynn, M.D.

SENIOR ASSISTANT PSYCHIATRISTS

Samuel Feldman, M.D.

Rosemary B. Felton, M.D.

Herbert E. McGrew, M.D.

Robert A. McKinley, M.D.

Jane F. O'Neil, M.D.

Edward E. Seelye, M.D.

Porter H. Warren, M.D.

RESIDENT PHYSICIANS

Heber W. Becker, Jr., M.D.

David E. Brown, M.D.

H. Michael Grant, M.D.

Charles M. Graz, M.D.

Alan C. Raine, M.D.

Gary A. Sneed, M.D.

Richard L. Vanden Bergh, M.D.

ASSISTANT RESIDENT PHYSICIANS

Lawrence M. Abrahams, M.D.

Simon J. Epstein, M.D.

Richard B. Gould, M.D.

Saul S. Greenberg, M.D.

Richard F. Hattan, M.D.

Barbara E. O'Brien, M.D.

Walter J. Orr, M.D.

David B. Robbins, M.D.

William L. Stewart, M.D.

E. Leslie Van Nostrand, M.D.

DENTAL SURGEON

Ralph A. Slater, D.M.D.

ASSISTANT DENTAL SURGEONS

Richard A. Ern, D.D.S.

Edward A. Schwanderla, D.D.S.

John A. Stamatov, D.M.D.

Attending Staff

GYNECOLOGY

Frederick Wall Finn, M.D.

MEDICINE

Marian Tyndall, M.D.

Byard Williams, M.D.

OPHTHALMOLOGY AND OTOLARYNGOLOGY

John R. Emery, M.D.

Arnold W. Forrest, M.D.

RADIOLOGY

Charles G. Huntington, M.D.

UROLOGY

Frederick C. McLellan, M.D.

Consulting Staff

ANESTHESIOLOGY

George A. Keating, M.D.

William M. Parke, Jr., M.D.

DERMATOLOGY

Robert R. M. McLaughlin, M.D.

GYNECOLOGY

Joseph A. Montimurro, M.D.

Thomas C. Peightal, M.D.

MEDICINE

Robert E. Lee, M.D.

William D. Stubenbord, M.D.

Edward W. Weber, M.D.

NEUROLOGY

Henry S. Dunning, M.D.

Clarence C. Hare, M.D.

PATHOLOGY

Victoria A. Bradess, M.D.

PSYCHIATRY

Gerard Fountain, M.D.

Daniel N. Hertz, M.D.

Avraam T. Kazan, M.D.

Robert G. Knight, M.D.

Vernon H. Sharp, M.D.

RADIOLOGY

Roy D. Duckworth, M.D.

James C. Monteith, M.D.

SURGERY

Walter W. Mott, M.D.

Edward A. Raymond, M.D.

W. Robert Shera, M.D.

Wallace Moore Sheridan, M.D.

Barraud J. Watson, M.D.

Win Henry Watters, M.D.

NEUROSURGERY

Bronson S. Ray, M.D.

DENTAL SURGERY

William T. Carroll, D.D.S.

ORAL SURGERY

Sherman E. Gordon, D.D.S.

Frank Lucas Lewis, D.D.S.

ORTHODONTIA

Franklin A. Squires, D.D.S.

UROLOGY

Allister M. McLellan, M.D.

Nursing Service

DIRECTOR OF NURSING SERVICE

▪ Muriel R. Carbery

ASSOCIATE DIRECTOR OF NURSING SERVICE

Edna E. Tuffley

ASSISTANT DIRECTOR OF NURSING SERVICE

M. Joanna Foster

CLINICAL NURSING DEPARTMENT HEADS

Elizabeth Brooks
Medicine

Laura L. Simms
Surgery

Dorothy Ellison
Operating Room

Julia Dennehy
Obstetrics and Gynecology

Trude Aufhauser
Pediatrics

Mrs. M. Eva Paton
Private Patients

Margie Warren
Out-Patient Department

ADMINISTRATIVE ASSISTANTS

Mrs. Helen V. Miller,
Day

Jean Pardey,
Day

Eleanor Young,
Evening

Mrs. Dju Ing,
Evening-Night

Elizabeth M. Simmons,
Night

DIRECTOR OF NURSING SERVICE

PAYNE WHITNEY
PSYCHIATRIC CLINIC
Eleanor J. Muhs

Balance Sheet

		<i>Assets</i>	
CASH:			
General fund			
(including \$19,847 in savings accounts)	\$ 522,863		
Restricted funds	<u>429,863</u>	\$ 952,726	
ACCOUNTS RECEIVABLE:			
Patients, less reserve of \$1,536,475	\$ 6,134,310		
Other receivables	<u>463,118</u>	6,597,428	
INVENTORIES (at average cost),			
PREPAID EXPENSES AND DEFERRED CHARGES		1,343,139	
INVESTMENTS:			
Cash in savings accounts —			
General fund	\$ 5,643		
Restricted funds	<u>9,957,802</u>	\$ 9,963,445	
Marketable securities (quoted market prices \$34,425,420), at cost—			
General fund	\$ 33,420		
Restricted funds	<u>23,647,169</u>	23,680,589	
Nonmarketable securities, at stated contributed value—			
Restricted funds		5,005,371	
Mortgages —			
General fund	\$ 2,323		
Restricted funds	<u>2,110,956</u>	<u>2,113,279</u>	40,762,684
PLANT AND PROPERTY (Note 1):			
Land, buildings and equipment	\$54,158,788		
Less—accumulated depreciation	<u>22,773,157</u>	<u>31,385,631</u>	
		<u>\$81,041,608</u>	

Liabilities and Capital

LIABILITIES:

Accounts payable		\$ 1,032,216
Accrued liabilities		600,943
Temporary funds for special purposes		686,928
Mortgage and loans (Note 2)—		
5½% mortgage	\$1,816,412	
4% note	1,000,000	
5% construction loan	100,000	2,916,412
		<u>\$ 5,236,499</u>

CAPITAL (including restricted and plant funds

of \$69,620,380) (Notes 4, 5 and 6) \$81,041,608

\$81,041,608

The accompanying notes to financial statements are an integral part of this balance sheet.

Statement of Income

	Year ended December 31	
	1964	1963
OPERATING INCOME:		
Care of patients	\$25,200,056	\$22,553,703
Retroactive adjustments received from Associated Hospital Service of New York (Note 4)	746,846	426,076
Other	1,618,794	1,690,180
TOTAL	<u>\$27,565,696</u>	<u>\$24,669,959</u>
OPERATING, RESEARCH AND EDUCATION EXPENSES:		
Household and property operation	\$ 4,810,840	\$ 4,694,514
Nursing	10,684,964	9,844,267
Other professional services	5,520,456	5,232,579
Nutrition	2,968,343	2,873,213
Hospital's portion of joint budget shared with Cornell University Medical College	589,675	553,045
Administrative and general	3,931,620	3,692,934
Provision for employees' retirement plan	357,680	332,455
Provision for depreciation	1,096,905	1,000,148
TOTAL	<u>\$29,960,483</u>	<u>\$28,223,155</u>
OPERATING LOSS	\$ 2,394,787	\$ 3,553,196
INCOME FROM INVESTMENTS AND CHARITABLE TRUSTS	1,213,428	1,222,280
DEFICIT FOR THE YEAR BEFORE CURRENT CONTRIBUTIONS	<u>\$ 1,181,359</u>	<u>\$ 2,330,916</u>
CURRENT CONTRIBUTIONS:		
Amounts designated for special purposes and for psychiatric divisions	\$ 729,096	\$ 761,239
Distributions from the United Hospital Fund and The Greater New York Fund	249,881	261,702
Appropriation from the Fund for Medical Progress (Note 5)	600,000	800,000
	<u>\$ 1,578,977</u>	<u>\$ 1,822,941</u>
Less—amounts designated for special purposes	589,566	662,486
NET CURRENT CONTRIBUTIONS	<u>\$ 989,411</u>	<u>\$ 1,160,455</u>
BALANCE OF DEFICIT FOR THE YEAR CHARGED TO CAPITAL (NOTE 4)	<u>\$ 191,948</u>	<u>\$ 1,170,461</u>

The accompanying notes to financial statements are an integral part of this statement.

Statement of Changes in Capital

December 31, 1964

BALANCE, December 31, 1963				\$70,473,678
ADD:				
Amounts designated for, or allocated to, the Fund for Medical Progress (Note 5) (including income on invested funds of \$295,369)			\$5,388,717	
Less—appropriation to General Fund	\$600,000			
Fund raising costs	<u>279,890</u>	<u>879,890</u>		4,508,827
Restricted legacies and capital gifts				331,127
Gain on sales of securities (net)				849,172
Miscellaneous				<u>25,518</u>
				<u>\$76,188,322</u>
DEDUCT:				
Deficit for the year			\$	191,948
Transfer to temporary funds for special purposes				<u>191,265</u>
			\$	<u>383,213</u>
BALANCE, December 31, 1964 (Notes 4 and 6)				<u>\$75,805,109</u>

The accompanying notes to financial statements are an integral part of this statement.

Notes to Financial Statements

December 31, 1964

(1) The balances in the plant and property accounts of the Society at December 31, 1964, are set forth below (Payne

Whitney Psychiatric Division plant and property represents a Restricted Plant Fund):

	GROSS AMOUNT	ACCUMULATED DEPRECIATION	NET AMOUNT
BUILDINGS:			
New York Division, at cost (Note 2) (*)	\$17,493,986	\$ 5,720,167	\$11,773,819
Payne Whitney Psychiatric Division, at cost	1,744,804	750,248	994,556
Westchester Division, at values as appraised by the Society at December 31, 1949, plus subsequent additions at cost	5,614,541	3,653,928	1,960,613
	<u>\$24,853,331</u>	<u>\$10,124,343</u>	<u>\$14,728,988</u>
BUILDING FIXTURES AND EQUIPMENT, AT COST:			
New York Division (Note 2)	\$20,326,892	\$10,489,389	\$ 9,837,503
Payne Whitney Psychiatric Division	1,261,234	1,058,490	202,744
Westchester Division	2,714,309	1,100,935	1,613,374
	<u>\$24,302,435</u>	<u>\$12,648,814</u>	<u>\$11,653,621</u>
LAND, AT ASSESSED VALUES AT DECEMBER 31, 1943, PLUS SUBSEQUENT ADDITIONS AT COST:			
New York Division (Note 2) (*)	\$ 3,782,493	\$ —	\$ 3,782,493
Payne Whitney Psychiatric Division	190,350	—	190,350
Westchester Division	1,030,178	—	1,030,178
	<u>\$ 5,003,021</u>	<u>\$ —</u>	<u>\$ 5,003,021</u>
Medical school buildings, at nominal value	\$ 1	\$ —	\$ 1
	<u>\$54,158,788</u>	<u>\$22,773,157</u>	<u>\$31,385,631</u>

(*) The land and building costs of the Laurence G. Payson House, an apartment building for staff and other employees, now under construction, are included above in will be financed by additional loans.

amounts of \$1,630,888 and \$353,753, respectively. The estimated additional cost to complete the Laurence G. Payson House is approximately \$11,000,000 which amount

(2) The 5½% mortgage of \$1,816,412 is secured by the land, building and building fixtures of the house staff residence which are included in the New York Division amounts in Note 1 at a total of \$2,002,502, net of accumulated depreciation. The mortgage is payable in quarterly installments to November 1, 1991.

The 4% note is payable in monthly installments over 20 years beginning one year and one month after date of completion of Laurence G. Payson House, now under construction (see Note 1). Completion is expected in 1966.

The 5% construction loan is subordinate to the 4% note. Payments commence after retirement of the 4% note referred to in the preceding paragraph.

(3) The actuarially determined pension fund requirements, including past service costs, at December 31, 1964 under the New York Hospital Employees' Retirement Plan are \$416,000 in excess of the net assets of the Employees' Retirement Plan Trust (on the basis of quoted market prices for securities held by the Trust). A similar determination regarding the joint budget pension fund concluded that requirements were \$380,000 in excess of the net assets of that fund. The estimated annual cost of these plans to the Society is \$410,000. The net assets of such trusts are not included in the accompanying financial statements.

(4) The Society received retroactive adjustments from Associated Hospital Service of New York of \$746,846 in 1964 and \$426,076 in 1963 covering insured patients admitted during the calendar years 1963 and 1962, respec-

tively. Approximately \$120,000 in retroactive adjustments are expected in 1965 for patients admitted in 1964, which amount has not been reflected in the accompanying financial statements.

(5) The Fund for Medical Progress is a joint fund raising campaign with Cornell University Medical College for capital and endowment needs of The New York Hospital-Cornell Medical Center. Contributions received by the Society (exclusive of contributions received directly by Cornell), and allocations to the Fund, together with earnings thereon, totaled \$22,849,082 since inception of the Fund to December 31, 1964, and are included in restricted and plant capital. Gifts totaling \$614,000 of the above amount will be allocated to Cornell University Medical College.

At December 31, 1964, unpaid pledges to the Society of \$2,287,000 have not been recorded in the accounts.

During 1964, undesignated contributions and unrestricted legacies received by the New York Hospital Division (\$498,000) have been added to the Fund for Medical Progress. The Board of Governors appropriated \$600,000 during 1964 (included in Statement of Income) to compensate the General Fund for current gifts it might have received if the Fund for Medical Progress campaign were not in progress.

(6) The Society is the beneficiary of bequests and gifts under various wills and trusts, etc., the realizable amounts of which are not presently determinable.

Auditors' Opinion

ARTHUR ANDERSEN & CO.

80 PINE STREET
NEW YORK, N.Y. 10005

*To the Board of Governors,
The Society of the New York Hospital:*

We have examined the balance sheet of The Society of the New York Hospital (a charitable corporation organized in New York in 1771) as of December 31, 1964, and the related statements of income and changes in capital for the year then ended.

Our examination was made in accordance with generally accepted auditing standards, and accordingly included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

In our opinion, the accompanying balance sheet and statements of income and changes in capital present fairly the financial position of The Society of the New York Hospital as of December 31, 1964, and the results of its operations for the year then ended, in conformity with generally accepted accounting principles applied on a basis consistent with that of the preceding year.

ARTHUR ANDERSEN & CO.

New York, N.Y.,
March 30, 1965.

1.

*Distribution
of Beds*

December 31, 1964

No. of Beds

Pavilion (ward)		
Medicine	145	
Surgery	124	
Urology	26	
Accident and emergency	10	
Obstetrics and gynecology	114	
Pediatrics	104	523
Bassinets		58
TOTAL PAVILION (ward)		581
Private		
Main hospital	115	
Obstetrics and gynecology	26	
Pediatrics	5	146
Bassinets		16
TOTAL PRIVATE		162
Semi-private		
Two-bed, Baker pavilion	63	
Medical and surgical	179	
Urology	25	
Obstetrics and gynecology	59	
Pediatrics	19	345
Bassinets	1	31
TOTAL SEMI-PRIVATE		376
Payne Whitney Psychiatric Clinic		109
Total, New York City The New York Hospital- Westchester Division		1,228
		350
GRAND TOTAL		1,578

2.

*In-Patients
Treated by Services*

(Admissions include internal transfers)

	PATIENTS ADMITTED		PATIENT DAYS		PERCENT OCCUPANCY	
Pavilion (ward)	1964	1963	1964	1963	1964	1963
Medical	2,525	2,357	46,284	46,630	87.2	88.1
Surgical	4,311	4,157	41,977	42,261	92.5	86.4
Urological	601	645	7,854	8,800	82.5	92.7
Obstetrical and gynecological	3,926	3,692	24,423	24,401	58.5	58.6
Pediatrics	2,147	2,150	26,044	27,579	68.1	68.5
TOTAL	13,510	13,001	146,582	149,671	76.5	77.5
Newborn	2,456	2,303	12,701	11,834	59.8	55.9
TOTAL PAVILION (ward)	15,966	15,304	159,283	161,505	74.8	75.3
Private						
Main hospital	2,812	2,883	39,602	39,008	94.1	92.9
Obstetrical and gynecological	1,376	1,341	8,320	8,071	87.4	85.0
Pediatrics	306	251	1,690	1,652	92.3	90.5
TOTAL	4,494	4,475	49,612	48,731	92.8	91.4
Newborn	711	732	3,810	4,021	65.1	68.9
TOTAL PRIVATE	5,205	5,207	53,422	52,752	90.1	89.2
Semi-private						
Two-bed, Baker pavilion	1,410	1,409	21,423	21,388	92.9	93.0
Main hospital	5,988	6,026	60,562	62,145	81.1	83.5
Obstetrical and gynecological	3,601	3,517	18,463	18,392	85.5	85.4
Pediatrics	639	479	5,514	4,476	81.4	89.7
TOTAL	11,638	11,431	105,962	106,401	84.0	86.0
Newborn	1,555	1,532	7,377	7,425	50.2	65.6
TOTAL SEMI-PRIVATE	13,193	12,963	113,339	113,826	82.5	84.3
TOTAL PAVILION, PRIVATE AND SEMI-PRIVATE	29,642	28,907	302,156	304,803	81.4	82.3
TOTAL NEWBORN	4,722	4,567	23,888	23,280	62.2	60.7
TOTAL	34,364	33,474	326,044	328,083	79.6	80.3
PAYNE WHITNEY PSYCHIATRIC CLINIC	242	257	33,113	32,855	84.9	84.9
THE NEW YORK HOSPITAL- WESTCHESTER DIVISION	301	314	103,246	105,573	80.6	83.2
GRAND TOTAL	34,907	34,045	462,403	466,511		

3.

*Ambulatory Patients**(Including Payne Whitney Psychiatric Clinic and New York Hospital-Westchester Division)**Out-patient
Department**Summary of patients treated:*

	1964	1963
New patients treated	16,086	15,620
Old patients treated	28,332	27,304
TOTAL PATIENTS TREATED	44,418	42,924
Visits	224,692	221,833
Clinic days	254	253
Average visits per clinic day	885	877
Average visits per patient	5.1	5.2

*Emergency
Pavilion*

	1964	1963
PATIENT VISITS	31,425	28,802

*Comparative Attendance in Clinics**These figures include multiple admissions to clinics by patients.*

	NEW ADMISSIONS		TOTAL PATIENTS		TOTAL VISITS	
	1964	1963	1964	1963	1964	1963
Allergy	69	57	753	705	7,425	7,285
Cardiology	84	79	881	828	3,667	3,396
Endocrine	83	78	936	908	3,508	3,315
Gastroenterology	99	98	914	943	3,331	3,511
Hematology	40	35	519	503	2,601	2,574
Neurology	176	158	1,183	1,126	2,764	2,642
Nerve block	1		4	1	11	2
Pulmonary	27	62	666	717	1,773	2,049
Anti-coagulant	19		315		2,680	
Dermatology	977	973	3,469	3,355	10,011	10,245
Peripheral vascular	76	75	611	725	1,992	4,802
Total medical specialties	1,651	1,615	10,251	9,811	39,763	39,821
General medicine	1,577	1,740	6,820	6,792	25,702	25,285
TOTAL MEDICAL DIVISION	3,228	3,355	17,071	16,603	65,465	65,106
Dental	603	574	2,397	2,216	6,423	5,154
Otolaryngology	986	929	4,322	4,037	9,104	8,609
Ophthalmology	1,097	1,009	6,583	5,990	15,977	15,548
Speech and hearing	2	3	669	585	1,559	1,359
Fracture	437	380	986	863	2,753	2,477
Urology	553	498	3,049	2,851	8,362	8,166
Plastic surgery	128	117	544	506	1,637	1,544
Varicose veins	127	83	475	394	816	747
TOTAL SURGICAL SPECIALTIES	3,933	3,593	19,025	17,442	46,631	43,604
Minor surgery	1,349	1,276	3,939	3,660	11,450	11,190
General surgery	991	1,014	3,988	3,943	11,501	11,157
TOTAL SURGICAL DIVISION	6,273	5,883	26,952	25,045	69,582	65,951
TOTAL MAIN OUT-PATIENT DEPARTMENT	9,501	9,238	44,023	41,648	135,047	131,057
Gynecology	823	732	7,273	6,881	12,758	11,924
Obstetrics	1,712	1,505	3,463	3,406	20,926	20,315
TOTAL WOMAN'S DIVISION	2,535	2,237	10,736	10,287	33,684	32,239
TOTAL PEDIATRIC DIVISION	3,549	3,678	7,512	8,839	34,889	33,576
X-ray therapy	22	25	144	150	2,947	2,443
Physical therapy	53	27	350	273	2,131	2,003
TOTAL THERAPY	75	52	494	423	5,078	4,446
Nutrition	31	33	1,021	914	2,581	1,902
Radioactive iodine	7	6	186	162	225	207
TOTAL NEW YORK HOSPITAL	15,698	15,244	63,972	62,273	211,504	203,427
Payne Whitney Psychiatric Clinic	235	272	905	908	11,895	11,831
Westchester Division	153	104	386	352	5,877	6,575
TOTAL HOSPITAL OUT-PATIENT DEPARTMENT	16,086	15,620	65,263	63,533	229,276	221,833

4.

Summary of
Income and Expense

INCOME FROM PATIENTS	1964	1963*
In-patient, including ambulatory	\$18,962,627	\$16,707,597
Out-patients	974,060	941,622
TOTAL INCOME	\$19,936,687	\$17,649,219

COST OF PATIENT SERVICES

Private, including ambulatory	\$ 5,299,498	\$ 4,998,800
Semi-private	5,249,016	4,939,830
Pavilion	9,407,855	8,642,674
Total in-patient cost	19,956,369	18,581,304
Total out-patient cost	2,425,482	2,482,843
TOTAL COST	\$22,381,851	\$21,064,147

OPERATING LOSS	\$ 2,445,164	\$ 3,414,928
Less: Associated Hospital Service Plan payments applicable to prior years	737,614	409,527
OPERATING DEFICIT	\$ 1,707,550	\$ 3,005,401

LOSS, IN-PATIENTS

Average cost per patient day	\$63.22	\$58.30
Average income per patient day	59.59	51.40
AVERAGE LOSS PER PATIENT DAY	\$ 3.63	\$ 6.90

LOSS, OUT-PATIENTS

Average cost per patient visit	\$11.72	\$12.45
Average income per patient visit	4.71	4.72
AVERAGE LOSS PER PATIENT VISIT	\$ 7.01	\$ 7.73

* Adjusted to conform to 1964 presentation.

5.

Services
to Patients

PATHOLOGY	1964	1963
Deaths	752	733
Necropsies	538	532
Per cent*	71.5	72.6

* Computed in accordance with formula
of the American Medical Association

SPECIAL SERVICES

Laboratory examinations

Bacteriology	86,399	81,044
Basal metabolism	2,001	2,188
Blood bank	98,421	103,435
Chemistry	275,783	258,950
Clinical pathology	313,298	288,699
Parasitology	6,518	7,329
Serology	28,393	29,672
Radioisotope services	3,151	2,597
Surgical pathology	12,022	13,498
Miscellaneous	13,267	11,551
X-Ray examinations	117,126	107,861
X-Ray treatments	10,416	9,938
Operations	18,098	18,018
Deliveries	4,459	4,283
Electrocardiograms	25,589	24,308
Electroencephalograms	1,548	1,515
Social service interviews	59,055	56,442
Physical therapy treatments	23,177	25,604
Transfusions	12,339	13,024
Pharmacy prescriptions	204,716	198,482
Meals served	1,907,068	1,901,189
Record room		
New case records indexed and filed	38,037	34,821
Circulation	1,056,196	989,595
Occupational therapy treatments		
Main hospital	8,637	10,555
Recreational therapy, pediatrics	34,341	36,039
Laundry, pounds	6,864,325	6,884,582

6.

*Personnel**Number of employees on payroll as of December 31, 1964*

	1964	1963
Ancillary and professional services	406	404
Nursing		
Administration	173	120
Graduate nursing staff	743	583
Supplementary	<u>544</u>	<u>705</u>
TOTAL NURSING	1,460	1,408
Plant operation and maintenance	500	508
Services and supplies	681	669
Comptrollers office	73	78
Corporate	12	13
Executive and administration	28	21
Funds	<u>10</u>	<u>10</u>
TOTAL	3,170	3,111
Payne Whitney Psychiatric Clinic	237	228
Westchester Division	<u>575</u>	<u>583</u>
TOTAL EMPLOYEES	<u>3,982</u>	<u>3,922</u>

7.

Personnel Health

	1964	1963
New York Hospital and Payne Whitney Clinic		
Personnel health visits	36,042	36,694
Physical examinations	2,185	2,207
Personnel visits to out-patient department	16,353	15,850
X-ray examinations	9,235	8,990
Laboratory examinations	16,831	16,483
Westchester Division		
Personnel health visits	2,128	2,300
Physical examinations	230	239

8.

*Participants
in Training Programs**As of December 31, 1964*

	1964	1963
House staff	247	213
Nursing students		
Affiliated, undergraduate and practical nurse students	265	248
X-ray technician students	30	29
Dental hygienist students	12	15
Dietetic interns	17	18
Occupational therapist students		
Physical therapist students	15	22
Medical social work students	<u>3</u>	<u>3</u>
TOTAL	589	548
Payne Whitney Psychiatric Clinic		
House staff	16	15
Westchester Division		
House staff	25	24
Nursing students		
Affiliated undergraduates	<u>82</u>	<u>76</u>
GRAND TOTAL	<u>712</u>	<u>663</u>

Donors

TO THE SOCIETY OF THE NEW YORK HOSPITAL / 1850-1964

Of sums not less than ten thousand dollars

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 u/w of Winona King Perin

Estate of Mary Minot Macy
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 Estate of Philip G. Rosen
 Ira Wright Trust u/w Carrie M. Smith

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 u/w Edith Speyers Kelley
 Estate of Marie C. Werner

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TO THE SOCIETY OF THE NEW YORK HOSPITAL / 1886-1964

- | | |
|--|--|
| 1886 Robert Livingston Gerry | 1922 Adelina M. Cramer |
| 1901 Anna Peabody Wainwright | In memory of her brother, J. William Husemeyer |
| In memory of John Tillotson Wainwright | 1922 Augusta I. Scott |
| 1902 Margaret J. Plant | 1922 Mary A. FitzGerald |
| In memory of her brother, Simon Loughman | 1922 Minetta C. Howenstine, The Howenstine Beds |
| 1903 Nathaniel Whitman | 1923 Marion Cutting |
| 1904 Howard Willets | 1923 Mary A. FitzGerald |
| In memory of his son, Jack Willets | 1924 Lena Cadwalader Evans |
| 1904 Harriette M. Arnold, St. George Bed, Hicks Arnold | In memory of her grandfather, Israel Corse, |
| 1905 Maria L. Campbell | a former governor of this Hospital, |
| In memory of Duncan Pearsall Campbell | and his daughter, Lena Burr Corse Evans |
| Governor, 1818-1827 | 1924 William G. DeWitt |
| 1906 Mr. and Mrs. Henry F. Shoemaker | In memory of his brother, Theodore DeWitt |
| In memory of their son, William Brock Shoemaker | 1925 William P. Wainwright |
| 1907 Catherine L. R. Catlin | In memory of his father, William P. Wainwright |
| In memory of her brother, N. W. Stuyvesant Catlin | 1925 William P. Wainwright |
| 1908 Kate Fearing Welman | In memory of his mother, Cornelia R. Wainwright |
| In memory of her father, Charles Edward Strong | 1925 Mr. and Mrs. Gilbert Edward Jones |
| 1909 Fanny A. Haven | In loving and thankful memory |
| In memory of her husband, George Griswold Haven | of Elizabeth Ingersoll Haven |
| 1909 Joel S. Mason | 1926 Kate Bainbridge Murray |
| In memory of his parents, | In memory of her brother, Thomas E. Deeley |
| Joel Whitney Mason and Mary Elizabeth Mason | 1927 Theresa R. Irving |
| 1909 Elizabeth M. Bliss | In memory of her parents, John Brodhead Beck, M.D. |
| 1910 Elizabeth Fisher King | and Anne Sands Tucker Beck |
| In memory of her husband, Edward King, | 1927 Theresa R. Irving |
| who died in 1908 | In memory of her husband, Cortlandt Irving, |
| 1912 Ella R. DeWitt | her brother, Fanning Cobham Tucker Beck, |
| In memory of her husband, George Gosman DeWitt | and her sister, Annie M. Tucker Beck |
| 1912 Catherine E. Daly | 1927 Emily Stewart Waller |
| 1913 Harrison E. Gawtry | In memory of her father, John Aikman Stewart |
| In memory of his wife, Louise Brown Gawtry | 1927 Charles H. Wainwright |
| 1914 Frank Hartley | In memory of his brother, William P. Wainwright |
| 1915 Annie L. Morris | 1927 Alfonso DeNavarro |
| In memory of her husband, Fordham Morris, | 1928 Mr. and Mrs. Howland Pell |
| who died in 1909 | In memory of their son, Howland Gallatin Pell |
| 1916 Benjamin Robert Winthrop | 1928 Almy Gallatin Pell |
| In memory of his father, Benjamin Robert Winthrop | In memory of her father and mother, |
| 1919 Webb Institute of Naval Architecture | Frederic and Almy G. Gallatin |
| 1920 Adelaide Foltz Chapman | 1928 Mr. and Mrs. Edward Lathrop Ballard |
| In memory of her father, William Stewart Foltz | 1928 Mrs. Henry James |
| 1922 Ellen C. Harris In memory of George W. Harris | In memory of her cousin, McEvers Bayard Brown |

- | | |
|--|--|
| 1929 Arthur H. Herschel
In memory of his mother, Grace Darling Herschel | 1945 Julia Noyes deForest
In memory of her sons, Henry W. deForest
and Charles Noyes deForest |
| 1929 Peter F. Meyer and Lizzie O. Meyer | 1947 Mrs. Leland Eggleston Cofer
In loving memory of Lucy Chauncey |
| 1930 Mary L. Walker Peters,
The Charles Grenville Peters Bed | 1948 Martha B. and William Fraser |
| 1933 William James Boucher
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John and Lydia Lawrence Boucher | 1948 Rosetta F. Sachs
In memory of Max Kaskel |
| 1934 Jean Brown Jennings
In memory of her husband, Walter Jennings | 1949 William Kirk Memorial Bed |
| 1934 Oliver Burr Jennings, Jeanette Jennings Taylor,
Constance Jennings Ely
In memory of their father, Walter Jennings | 1949 Macy Mutual Aid Association |
| 1934 Mary Isabella Meek | 1949 Louise M. Griffin
In memory of her mother
Pauline Pryibil Hoffmann |
| 1936 Mrs. Thomas Williams, Thomas R. Williams,
Mrs. Dorcas W. Ferris, Mrs. Edith S. Blydenburg,
In memory of Thomas Williams | 1950 The Edward L. Cussler Memorial Bed |
| 1939 Katherine Grace Snyder | 1950 G. Beekman Hoppin Memorial Bed |
| 1939 Arthur H. Herschel
In memory of his wife, Sarah Frances Herschel | 1951 The Dillon Fund |
| 1939 Veronica Brown Brophy
In memory of her father, George B. Brown
a builder of this Hospital | 1953 Max Rice |
| 1939 Edith Haggin DeLong
In loving memory of her son,
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| 1941 Patients and friends
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| 1942 Ballard Memorial Bed | 1956 Eugenie M. L. Garchyery |
| 1943 The Pleasant Valley Mills Bed | 1956 The Pleasant Valley Mills Bed, II |
| 1943 Josiah Locke Webster | 1957 Mathilde S. Sterne
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| 1943 Robert Winthrop | 1957 Marie Stewart
In memory of Virginia Stewart |
| 1944 Anonymous, The Cayuga Bed | 1958 Marjorie Hard |
| 1944 Howard Gould and Margaret M. Gould | 1958 In memory of Henry Nathan, 1852-1922
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| 1945 Augusta dePeyster
In memory of her sister, Frances dePeyster | 1958 In memory of Tillie Burgauer Nathan, 1862-1933
Dedicated by her son, Garfield Arthur Nathan |
| 1945 Julia Noyes deForest
In memory of her husband, Henry W. deForest | 1958 The Katherine Grace Snyder Bed |
| | 1959 In loving memory of Ivan Henning Wichfeld |
| | 1961 Alice McIntire Fay Memorial Bed |
| | 1963 Mr. and Mrs. Edgar Seldon Bloom
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Fannie McKeon Wallace |
| | 1963 Cedric Aylwin Major |

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The endowment of a bed in The New York Hospital provides a unique opportunity to create a memorial to last through future generations.

A bed may be endowed by a donation of not less than ten thousand dollars. Permanent recognition of the gift is afforded by an acknowledgement chiseled in stone in the Hospital's corridors and listing in the annual reports of The Society of the New York Hospital. The endowment of a bed entitles the donor to nominate a patient for free occupancy of a bed in the Hospital, subject to the rules of the Society.

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The New York Hospital-Cornell Medical Center is a world-famous example of these principles in action.

The Center owes its existence and its achievements of the past 194 years to the countless friends and benefactors who had the vision to appreciate its goals for humanity and the will to see them attained.

Those whose names follow have joined in this great work. Together, their contributions, as of December 31, 1964, represent a combined gift of \$49,000,000, or more than 80 percent of the \$60,000,000 goal. This is indeed a magnificent testimonial to their faith that human suffering can and will be allayed. Their generosity is gratefully acknowledged.

JOHN HAY WHITNEY, *General Chairman*

THE FUND FOR MEDICAL PROGRESS

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Hyphenated numbers appearing after names show page number and column where each name appears in the Professional Staff Members List.

- Abbott, Joseph A. 39-2
 Abel, Donald W. 43-1
 Abel, Henriette E. 38-3
 Abel, Robert R. 38-3
 Abello, Emilio G., Jr. 40-3
 Abelson, Charles B. 43-4
 Abrahams, Lawrence M. 45-2
 Abroms, Gene M. 42-3
 Acosta, Jerry L. 43-3
 Adams, Daniel W. 40-3
 Adelson, Edward T. 41-3
 Adler, Joel B. 44-4
 Advocate, Seymour 38-2
 Allen, Fred H., Jr. 40-1
 Alexander, James S. 41-2
 Almy, Thomas P. 38-1
 Anderson, Arthur A., Jr. 41-2
 Anderson, Arthur F. 37-1
 Anderson, David G. 43-1
 Anderson, Gerald A. 40-3
 Anderson, Gerald G. 42-3
 Anderson, William A. 38-3
 Antoville, Anthony A. 38-2
 Applebaum, Jacob 44-2
 Arboit, Joan M. 41-2
 Arce, A. Anthony 42-1
 Archibald, Kenneth C. 38-2, 39-2
 Arcuri, Joseph 42-1
 Ardit, Lucien I. 38-2
 Arky, Albert M. 41-2
 Armistead, George C., Jr. 38-1
 Arnold, William D. 44-2
 Artusio, Joseph F., Jr. 37-1
 Asaph, James W. 43-1
 Asch, Thane 42-2
 Ashe, Barbara S. 41-1
 Ashman, Stuart 41-2
 Atkinson, Sam C. 38-2
 Auld, Peter A. McF. 41-1
 Austlid, Olav 38-2
 Avnet Samuel 44-3
 Baccay, Renee D. 41-3
 Bach, Fritz H. 38-3
 Baer, Ralph A. 38-3
 Bajek, Arnold J. 42-2
 Baker, Ralph D. 41-3
 Balazs, Leslie L. 37-4
 Baldwin, Horace S. 37-1
 Balensweig, Howard D. 42-2
 Balensweig, Irvin 37-1
 Bang, Nils U. 38-3
 Banta, John V. 43-1
 Baragry, Richard A. 43-3
 Baras, Irving 43-2
 Barasch, Kenneth R. 43-4
 Barber, Hugh R. K. 40-1
 Bardin, C. Wayne 39-3
 Barile, Raymond G. 37-2
 Barnard, Bryant 43-1
 Barnes, Lloyd T. 38-2
 Barnes, William A. 42-1
 Barondess, Jeremiah A. 38-1
 Barr, David P. 37-1
 Basile, Naef K. 40-2
 Bass, Richard R. 41-1
 Bauer, Charles H. 40-2
 Bauer, Goran C. H. 44-1
 Baumgartner, Leona 40-2
 Baxter, James E. 41-2
 Becker, Carl G. 40-3
 Becker, David V. 38-1, 42-2
 Becker, Heber W., Jr. 45-2
 Becker, E. Lovell 38-2
 Beechwood, Emory C. 39-2
 Behrman, Lawrence A. 43-2
 Behrman, Stanley J. 43-1
 Beil, Arthur R., Jr. 43-1
 Belcher, Anne 44-2
 Bell, Bertrand M. 39-2
 Bell, Jennifer J. 41-3
 Beneventi, Francis A. 44-2
 Benjamin, Bry 38-3
 Benson, Gordon D. 38-3
 Berenberg, Samuel R. 41-1
 Beresford, H. Richard 39-3
 Berg, Judith L. 38-3
 Berger, William M. 40-3
 Bergland, Richard M. 43-3
 Berne, Bernard H. 43-3
 Bernstein, Robert G. 42-3
 Berntsen, Carl A. 38-2
 Bezan, Allan I. 41-4
 Bhangananda, Pensri 41-3
 Bienenstock, Harry 39-1
 Bigelow, Llewellyn B. 42-2
 Billo, Otto E. 41-1
 Bippart, Charles H., Jr. 40-2
 Birnbaum, Gary 39-4
 Birnbaum, Stanley J. 40-2
 Blank, Alan Morton 40-4
 Blitz, Marvin B. 42-1
 Block, Leon I. 44-3
 Boddy, Francis A. 39-2
 Bonford, Robert T., Jr. 39-2
 Bontecou, David C. 39-3
 Boris, Marvin 41-1
 Borovac, Dragan 37-2
 Boyer, James L. 39-3
 Boynton, Perry S., Jr. 40-2
 Brachfeld, Norman 38-2
 Bradess, Victoria A. 45-3
 Bradley, Kent P. 39-3
 Branche, Marc H. 42-3
 Brander, Jerome Henry 40-2
 Braniff, Blaine A. 39-3
 Branwood, A. Witley 40-1
 Braunstein, Paul W. 42-2
 Brennan, Robert W. 39-3
 Brethwaite, Samuel H., Jr. 38-3
 Brice, Mitchell 44-2
 Brilliant, Renée M. 41-2
 Bristol, Raymond C. 42-3
 Brockunier, Alfred, Jr. 40-2
 Brodman, Keeve 38-3
 Brown, Alfred A. 43-3
 Brown, David E. 45-2
 Brown, Harrison Oliver, Jr. 38-3
 Brown, James W. 42-3
 Brown, John Lyman 38-3
 Brown, Veronica C. 38-3
 Browne, Michael A. 44-3
 Browne-Mayers, Albert N. 41-3
 Brush, A. Louise 41-2
 Buchanan, J. Robert 38-2
 Buchanan, Mary C. 41-1
 Buchman, Myron I. 40-2
 Bunn, Howard F. 39-3
 Burbank, Bernard H. 38-3
 Burkhardt, Edward A. 38-3
 Burkholder, Peter M. 40-2
 Burnett, Harry W., Jr. 42-1
 Burns, Rosalie A. 39-3
 Burstein, Charles 37-1
 Butkiewicz, Alexander S. 42-4
 Butler, Katharine 38-1
 Buydens, Laure-Berthe 42-3
 Byck, Walter 42-2
 Callahan, Edward W., Jr. 39-3
 Callahan, Justin T. 40-1
 de Camacho, Ruth W. 41-2
 Cameron, Donald J. 38-3
 Campbell, Rolla D., Jr. 44-2
 Canale, Virginia C. 41-2
 Caplan, Robert B. 43-2
 Carey, Thomas I. 43-1
 Carlson, Eric T. 41-1
 Carney, Edward M., Jr. 43-2
 Carpenter, Charles W. 43-2
 Carpenter, Walter T. 41-1
 Carr, Henry A. 38-1
 Carre, Aurelien 44-4
 Carrier, Thomas C. 40-4
 Carroll, William T. 45-4
 Carson, Robert S. 41-3
 Carver, Susan T. 38-2
 Casat, Charles D. 42-3
 Cassell, Eric J. 38-3
 Caterinicchio, Benedict 41-1
 Cavallino, Robert P. 42-4
 Cecil, Russell L. 37-1
 Celian, Charles I. 41-3
 Cerulli, Remo R. 41-3
 Champion, Phillips K. 39-4
 Charash, Leon I. 41-1
 Chaves, Aaron D. 38-2
 Chilman, John H. 42-1
 Christenson, William N. 38-1
 Chu, Foen B. 38-3
 Chynn, Kuo-York 42-2
 Cipolaro, Vincent A. 39-1
 Cipollaro, Anthony C. 38-1
 Clapp, Paul 42-4
 Claremont, Hugh E. 38-3
 Clark, Melva A. 38-3
 Clarke, Robert L. 42-3
 Clarkson, Bayard D. 38-3
 Clifford, George O. 38-1, 38-2
 Clifton, Eugene E. 42-2
 Cline, Robert E. 43-3

- Clow, Hollis E. 45-1
Clutario, Bella C. 41-3
Coats, Edward C. 44-2
Cobb, John R. 44-2
Coble, Yank D., Jr. 39-3
Coburn, Richard J. 43-4
Cocke, William M., Jr. 44-2
Cohen, Eugene J. 38-1
Cohen, Ira B. 38-3
Cole, John T. 40-1
Cole, Robert M. 43-2
Coleman, John W. 43-4
Coletti, John M., Jr. 43-4
Conn, Julius, Jr. 43-1
Connolly, C. Stephen 38-3
Constantine, Elizabeth F. 43-2
Conway, Herbert 44-1
Cook, Gerald T. 44-4
Coombs, Francis P. 38-3
Cooney, Mary Ellen 37-3
Cooper, Howard N. 41-3
Cooper, William 44-1
Cooper, William A. 42-2
Cormia, Frank E. 38-1
Cornell, George N. 42-3
Cornell, Roger G. 39-4
Cortese, Armand F. 43-2
Cox, Denton S. 38-2
Cramer, Jean A. 38-3
Crawford, David B., Jr. 40-2
Crill, Wayne E. 39-3
Crissey, Eleanor 41-2
Culbert, Charles 40-4
Cummins, F. Mitchell 42-2
Cupaiuoli, Richard A. P. 38-3
Curi, Joseph F. 41-4
Currarino, Guido 42-1
- Daly, Robert M. 42-3
Dangelmajer, Rudolph C. 44-3
Daniells, Helen E. 41-1
Daniels, Farrington, Jr. 38-1
Danielski, Edward F., Jr. 42-3
Dann, Margaret 40-1
Darrigan, Thomas M. 43-4
Da Silva, Jose A. F. 39-2
Davidson, Murray 41-1
Davidson, Richard A. 43-4
Davis, E. William, Jr. 40-1
Davis, Jeff 38-3
Davis, Marion 38-2
Davis, R. Carter 39-4
Davis, Robert V., Jr. 43-4
de Alvarado, Lois B. 41-3
Deans, Robert D. 44-2
Deep, Anthony A. 40-2
DeFuria, Frank G. 39-4, 43-4
de Gara, Paul F. 38-2, 40-2
Degnan, Robert D. 40-4
Deitrick, John E. 38-1
DeMartino, Anthony G. 38-3
De Mayo, Alan P. 41-1
Dennen, Edward H. 37-1
de Nesnera, Peter 38-3
DePalma, Dominic M. 38-3
Deutscher, Robert N. 39-3
- Diamond, Monroe T. 38-3
Diehl, Carolyn H. 38-3
Diethelm, Arnold G. 43-1
Diethelm, Oscar 37-1
Di Leo, Joseph H. 41-1
Dillon, Thomas F. 40-1
Dineen, Peter 42-1
Doherty, John H. 44-2
Dooley, Samuel W. 40-3
Dougherty, John W. 38-1
Dougherty, Joseph C. 38-3
Douglas, R. Gordon 40-1
Doyle, Thomas L., Jr. 41-3
Dozier, David F. 39-4
Draper, John W. 44-1
Drew, J. Edwin 44-2
Du Bois, Robert O. 37-1
Duckworth, Roy D. 45-4
Duley, Wade 42-3
Dunbar, Charles R. 44-3
Dunbar, Howard S. 43-2
Dunkell, Samuel V. 41-3
Dunlap, Edward A. 43-1
Dunn, Allan R. 44-4
Dunning, Henry S. 39-1, 45-3
D'Urso, John A. 40-2
Dworetzky, Murray 38-1
Dwyer, John F. 40-4
Dye, Robert E. 38-3
- Easton, J. Donald 39-4
Eby, Joseph D. 37-1
Eckhardt, Robert E. 38-3
Eckel, John H. 42-2
Ecker, Roger R. 43-1
Edelman, Martin J. 42-3
Egan, George F. 43-1
Eggleston, Cary 37-1
Ehlers, Kathryn H. 41-1
Ehrlich, George E. 38-3
Ehrlich, Richard M. 43-2
Eichenholtz, Sidney N. 44-2
Eichenwald, Heinz F. 40-2
Eilers, Elizabeth A. 38-3
Eisenberg, Howard M. 43-4
Eisenmenger, William J. 38-2
Ejrup, Borje E. V. 38-2
Emery, John R. 45-3
Engel, Tibor 40-4
Engle, Mary Allen 40-2
Engle, Ralph L. 38-1
Epstein, Nathan 41-1
Epstein, Simon J. 45-2
Erdman, Frederick S., Jr. 42-4
Erdmann, Albert J. Jr. 38-2
Erlandson, Marion E. 40-3
Erlanger, Herbert L. 37-2
Erle, Henry R. 38-2
Ern, Richard A. 45-2
Ertel, Norman H. 39-2
Esakof, Ernest R. 38-3
Eskes, Philip W. H. 41-2
Eskesen, Ralph A. 38-3
Ertinger, Edwin 39-3
Evans, John A. 42-1
Eyckmans, Luc Alphonse F. 39-2
- Eyrol, Azak S. 40-4
Eyster, M. Elaine 38-3
- Fadden, Francis J., Jr. 44-3
Fales, Catherine H. 42-2
Farr, Charles E. 37-2
Farr, Hollon W. 42-3
Farrell, Frank W. 44-3
Fear, Robert 40-4
Feder, Aaron 38-1
Feldman, Samuel 45-1
Felton, Rosemary B. 45-1
Ferguson, G. Renée 41-3
Fessenden, Willard B. 39-2
Fillmore, Sidney J. 39-3
Finkle, Theodore H. 41-4
Finn, Frederick Wall 45-2
Finn, James E. 43-4
Finn, William F. 40-1
Fisher, John T. 43-3
Fitzgerald, Robert J. 40-4
Flach, Frederic F. 41-1
Flamm, Eugene S. 43-2
Fleisher, David R. 41-3
Flynn, James P. 42-3
Flynn, John T. 38-2, 43-4
Flynn, Maura Lynch 45-1
Focht, Elizabeth F. 42-3
Foley, William T. 38-1
Follett, David A. 39-4
Forkner, Claude E. 38-1
Forkner, Claude E., Jr. 38-3
Forline, John W. 39-2
Foote, Frank W., Jr. 40-1
Forde, Thomas P. 39-3
Forrest, Arnold W. 45-3
Foster, Harry R., Jr. 41-3
Fountain, Gerard 45-4
Frable, Mary A. S. 44-3
Francis, Kenneth C. 44-2
Francis, Yvette F. 41-2
Frank, John A. 41-4
Frankel, Herman M. 41-4
Franklin, John E. 40-3
Freedman, Walter L. 40-2
Freiberger, Robert H. 42-2
Freile Fleetwood, Maria 41-4
Friedman, Lionel O. 39-2, 42-2
Freund, Myron E. 44-4
Freyberg, Richard H. 38-1
Friess, Constance 38-1
Frimpter, George W. 38-4
Frivold, Wellum 42-3
Frost, Elizabeth 37-4
Fuchs, Fritz F. 40-1
Fulcher, Thomas M. 43-1
Fulmer, David H. 39-4
Furth, Eugene D. 38-2, 42-2
- Gabel, Milton 43-2
Galin, Miles A. 43-1
Gallagher, Neil D. 39-2
Galvin, Gerald M. 43-3
Gandini, Enrico 41-3
Gandy, Hortense M. 40-2
Gardner, David J. 42-2
Gardner, Horace T. 38-2
- Gardy, Martin 39-2
Gareen, Diane B. 41-1
Gault, James H. 39-3
Gause, Ralph W. 40-1
Gee, Russell O. 44-3
Geiger, J. Theodore 44-2
Geller, William 38-2
Gemba, Teruo John 39-2
Gendel, Edward 38-4
Gendelman, Seymour 39-4
Genvert, Harold 42-3
Georgsson, Sverrir 43-2
Gepfert, J. Randolph 40-1
German, James L. III 40-3
Gersh, Marvin J. 41-1
Gershenson, Wilbur 39-1
Gershon, Anne A. 41-4
Gilat, Tuvia 39-2
Gilder, Helena 42-4
Gill, Fred A. 38-4
Giltroy, Francis J. 38-4
Ginsberg, Theodore M. 41-4
Ginsburg, Selig M. 38-4
Giombett, Robert T. 41-4
Gittler, Robert D. 38-4
Given, William P. 40-1
Gladstone, Wilma 40-4
Glasberg, Herbert H. 42-3
Glassman, Oscar 40-1
Glatstein, Eli J. 39-4
Glenn, Frank 42-1
Glenn, James H. 42-3
Glick, Farrell M. 37-4
Globus, David L. 38-4
Gluck, David 38-4
Glucksman, Myron L. 42-1
Glynn, Martin J. 40-3
Goebel, David 38-4
Gokhale, Shreekant V. 39-2
Gold, Harry 38-4
Goldberg, Doris K. 41-2
Goldberg, Henry P. 40-3
Goldin, Howard 38-4, 39-3
Goldsmith, Edward I. 42-2
Goldstein, George S. 41-2
Goldstein, Oscar E. 38-4
Goldstein, William B. 42-3
Golosow, Nikolas 43-4
Goodrich, Charles H. 38-2
Goodyear, Stephen 41-2
Gordis, Enoch 38-4
Gordon, Dan M. 43-1
Gordon, Sherman E. 45-4
Gorham, George W. 38-2
Gotta, Alexander 37-2
Gould, Richard B. 45-2
Gouliau, Dicran, Jr. 44-2
Graham, William D. 44-3
Grant, H. Michael 45-2
Gray, Joseph W. 44-4
Graz, Charles M. 45-2
Greeley, Arthur V. 40-1
Greenberg, Abby J. 41-2
Greenberg, Saul S. 45-2
Greenberg, Sidney M. 38-2
Greif, Roger L. 38-2

- Griswold, Merton L., Jr. . . . 42-4
 Gross, Clara R. 38-4
 Gross, Joel M. 39-1
 Grossberg, Sidney E. . . . 38-2
 Grossi, Margaret T. . . . 41-2
 Grossman, Joseph A. . . . 39-2
 Grossman, Seymour 38-4
 Gruber, Howard S. . . . 41-4
 Gudmundsson, Sigurdur T. . . . 39-2
 Guida, Peter M. 42-3
 Guindon, Noemi 39-3
 Guion, Connie M. 37-2
 Guthrie, Keith O., Jr. . . . 38-2
 Guthrie, Thomas S. . . . 39-2
 Hadley, Susan J. 38-1
 Hagstrom, Jack W. C. . . . 40-2
 Halpern, Mordecai 42-2
 Halsey, Hugh, II 40-2
 Halvorson, Edith P. . . . 41-3
 Hamilton, Donald M. . . . 45-1
 Hamilton, Francis J. . . . 41-1
 Hanhart, Bruno 39-2
 Hanley, Marshall J. 38-4
 Haralambie, James Q. . . . 40-3
 Hardy, Robert E. 40-4
 Hare, Clarence C. 45-3
 Harrar, James A. 37-2
 Harrington, Helen 37-2
 Hattan, Richard F. 45-2
 Hatterer, Lawrence J. . . . 41-2
 Hauptman, Martin A. . . . 41-4
 Hawks, Graham G. 40-1
 Hayes, Arthur H., Jr. . . . 39-4
 Hayes, Janet K. 38-4
 Hayes, Joseph G. 39-3
 Haynes, James M. 39-4
 Hedberg, Carl A. 39-3
 Heilen, Robert J. 43-4
 Heimoff, Leonard L. . . . 38-4
 Helfer, Lawrence S. . . . 39-2
 Hemady, Kamal T. 44-3
 Henry, John R. K. 41-2
 Herbert, Philip S., Jr. . . . 41-4
 Herrmann, Richard A. . . . 38-4
 Hersh, Alexander 44-2
 Hertz, Daniel N. 45-4
 Hilgartner, Margaret W. . . 41-2
 Hinkle, Lawrence E., Jr. . . 38-1
 Hnat, Richard F. 40-4
 Hobson, Lawrence B. . . . 38-4
 Hochman, Raymond B. . . . 38-4
 Hochstein, Elliot 38-1
 Hoehn, Robert J. 44-3
 Hoff, Julian T. 43-2
 Hofman, Alan F. 38-4
 Hogan, Vincent M. 44-4
 Hogben, George L. 42-3
 Hollenberg, Milton 38-2
 Holleran, Brent J. 43-2
 Holman, Cranston W. . . . 42-1
 Holman, James M. 44-1
 Holswade, George R. . . . 42-1
 Holtz, Helene 38-4
 Hook, Edward W., Jr. . . . 38-1
 Hook, Richard M. 43-4
 Horger, Eugene L. 38-2
 Horowitz, Herbert I. . . . 38-4
 Horwich, I. David 44-3
 Horwith, Melvin 38-2
 Hoskins, Donald W. . . . 38-4
 Hotchkiss, Robert S. . . . 44-1
 Howe, Suzanne A. L. . . . 44-2
 Hughes, John E. 41-2
 Hugo, Norman E. 44-3
 Humphreys, Gustavus A. . . 44-2
 Hunt, Frederick C. 40-3
 Huntington, Charles G. . . 45-3
 Hurley, James R. 38-4, 39-3
 Huston, Ann 37-2
 Huvos, Andrew G. 40-4
 Inglis, Allan E. 44-3
 Isaacs, George 39-3
 Isaacs, Norman J. 38-4
 Ito, Tomiko 41-2
 Jabloner, Judith L. 41-2
 Jacobs, Bernard 44-3
 Jacobson, Abraham S. . . . 38-4
 Jacobson, Jerry H. 43-2
 Janulis, Peter T. 41-2
 Jaslowitz, Bernard W. . . . 38-4
 Jaspin, George 42-1
 Javert, Carl T. 40-1
 Jeffries, Graham H. . . . 38-1
 Jernigan, Thomas P. . . . 38-4
 Johnson, Donald G. 40-1
 Johnson, James P. 40-2
 Johnson, O. Adrian 43-2
 Johnson, Vansel S. 42-3
 Johnson, Warren D., Jr. . . 39-3
 Johnson, William D. . . . 40-2
 Jones, John T. 39-4
 Jones, Thomas Clifford . . 39-3
 Josephson, Barry M. . . . 38-4, 41-2
 Joyner, Edmund N. III . . . 40-3
 Junker, Barnett J. 37-2
 Kahn, Ivan J. 38-4
 Kaminsky, Neil 39-3
 Kammerer, William H. . . . 38-2
 Kandell, Howard N. . . . 41-2
 Kandell, Robert L. 41-4
 Kane, Francis D. 41-2
 Kaplan, Lawrence I. . . . 38-4
 Kara, Anna 38-4
 Karanas, Arthur 39-3
 Karl, Richard C. 42-2
 Karmason, Marilyn G. . . . 41-4
 Karnofsky, David A. . . . 38-4
 Karoll, Richard P. 40-2, 42-4
 Kass, Aileen 37-3
 Katz, J. Harry 38-2
 Kauer, George L. 38-2
 Kauer, Joseph T. 42-3
 Kaye, Donald 38-2
 Kazan, Avraam T. 45-4
 Kean, B. H. 38-1
 Kearney, William F., Jr. . . 43-2
 Keating, George A. 45-3
 Keefer, Edward B. C. . . . 42-3
 Keller, Karl E. 39-2
 Kellner, Aaron 40-1
 Kelly, Daniel G. 44-4
 Kelly, James T. 43-2
 Kelly, LeMoyné C. 38-4
 Kemp, Harvey G., Jr. . . . 39-3
 Kendall, John M. 39-2
 Kerr, M. Dorothea 41-4
 Kessler, Richard H. . . . 38-4
 Kessler, Susan R. 38-4
 Keuhnelian, John G. . . . 44-2
 Keutmann, Henry T. . . . 39-3
 Kidd, John G. 40-1
 Kilbourne, Edwin D. . . . 38-1
 Killip, Thomas, III 38-1
 Killoran, Paul J. 42-2
 Kimball, John T., Jr. . . . 39-2
 Kirkham, Frederic T., Jr. . 38-2
 Kirkland, Henry B. 38-1
 Kitahata, Luke M. 37-3
 Klein, Harvey 39-3
 Klein, Ludwig 38-4
 Klein, Neil 39-3
 Klingon, Gerald H. 39-2
 Knapp, Robert C. 40-2
 Knight, Robert G. 45-4
 Knizley, Homer, Jr. 39-4
 Koenig, Hedwig 37-2
 Kofkin, Murray I. 41-4
 Kohl, Richard N. 41-1
 Kokenge, Roy F. 39-4
 Koontz, Warren W., Jr. . . 44-4
 Kossmann, Richard 39-4
 Koteen, Herbert 38-2
 Koteen, Seymour M. . . . 43-2
 Kotzen, Leroy M. 42-4
 Kozam, Robert L. 38-4
 Kramer, Elmer E. W. . . . 40-1
 Kramer, Milton L. 38-1
 Krauss, Alfred N. 41-4
 Kreeck, Mary Jeanne 39-3
 Kremer, Carl P., Jr. 41-2
 Kreuz, Leo E. 39-4
 Krikorian, John H. 41-4
 Kugler, Margaret M. . . . 41-1
 Lacy, George M. 44-4
 La Due, John S. 38-2
 Lambrew, Costas T. 38-2
 Lampe, Ernest W. 42-2
 Lance, Eugene M. 44-4
 Landau, Samuel 39-2
 Landesman, Robert 40-2
 Landolt, Allison B. 41-2
 Langstadt, John R. 40-2
 Laufer, Ludwig G. 41-4
 Lavengood, Russell W., Jr. . 44-2
 LaVenuta, Ferdinand . . . 44-4
 Lawrence, Jerome 44-2
 Lawrence, Walter, Jr. . . . 42-4
 Leder, Harold L. 38-4
 Ledwith, James W. 38-4
 Lee, John E. 39-4
 Lee, Richard E. 38-4
 Lee, Robert E. 45-3
 Lee Sin Hang 40-4
 Lefler, Wade H., Jr. . . . 39-4
 Leighton, Alexander H. . . 41-1
 Lemcke, Dorothea 38-4
 Lese, Leo R. 38-4
 Lesneski, Albert C. 40-4
 Leswing, Richard J. . . . 38-4
 Levine, David B. 44-4
 Levine, Lenore S. 41-2
 Levine, Milton I. 40-2
 Levine, Samuel Z. 37-2
 Levy, Bruce C. 38-4
 Lewis, Alfred B. 41-2
 Lewis, Charles M. 38-4
 Lewis, Frank Lucas 45-4
 Lewis, George M. 37-2
 Lewis, Ralph J. 43-1
 Lewis, Walter M. 39-2
 Lewisohn, Marjorie G. . . 38-4
 Ley, Allyn B. 38-1
 Lhamon, William T. . . . 41-1
 Liang, Edward Y. 41-2
 Lieberman, Jerrold S. . . . 38-2
 Liebolt, Frederick L. . . . 44-1
 Lim, Wan Ngo 41-1
 Lincoff, Harvey A. 43-2
 Lintz, Robert M. 38-2
 Lipkin, Mack 38-1
 Lipkin, Martin 38-2
 Lissauer, Charlotte 41-2
 Littell, Andrew H. 40-3
 Livingston, Robert M. . . . 40-4
 Loehr, Walter J. 43-2
 Loring, Marvin F. 42-2
 Louria, Donald B. 38-2
 Loveless, Mary E. H. . . . 38-2
 Lo Verme, John 38-4
 Lowe, Luther B. 41-4
 Lubash, Glenn D. 38-2
 Luckey, E. Hugh 38-1
 Luger, Norton M. 38-2
 Lukas, Daniel S. 38-1
 Lulow, William V. 41-2
 Lum, Lincoln 42-4
 Lund, Melvin G. 43-2
 Luparello, Thomas J. . . . 41-4
 Lyman, Margaret S. 41-2
 Macfarlane, J. Ralph 43-2
 Macfee, William F. 37-2
 MacKay, Donald N. 39-3
 Macris, Nicholas T. 39-2
 Madenwald, Malcolm B. . . 41-4
 Maggio, Louis J. 37-2
 Magida, Melville G. . . . 41-3
 Mamelok, Alfred E. 43-3
 Manahan, Manon 37-4
 Mann, Edward C. 40-2
 Mannix, Henry, Jr. 42-2
 Marbury, Benjamin E. . . . 37-1
 March, Thomas L. 42-3
 Marchand, John F. 38-4
 Marchisello, Peter J. . . . 44-3
 Marciano, Mark R. 38-4
 Marcus, Cyril C. 40-2
 Marcus, Stewart L. 40-2
 Markham, Mary H. 44-2
 Markham, Sanford M. . . . 40-3
 Marsden, Phillip D. 38-2
 Marshall, Florence N. . . . 40-4

- Marshall, Victor F. 44-1
 Marquis, James R. 42-2
 Martens, Frederick W. 40-2
 Mascia, Armond V. 41-1
 Mason, Joseph B. 44-3
 Masterson, James F., Jr. 41-1
 Mastrovito, René C. 41-4
 Mattucci, Kenneth F. 43-4
 Mayer, Klaus 38-4
 Mayer, Victor 44-3
 McCann, William P. 43-2
 McCarroll, James R. 38-2
 McCarthy, Thomas C. 42-4
 McCleary, Paul H. 40-4
 McCombs, A. Parks 38-1
 McCormack, Richard R. 38-2
 McCracken, George H., Jr. 41-4
 McCrory, Wallace W. 40-1
 McCune, Robert M. 38-2
 McDermott, Walsh 38-1
 McDewitt, Ellen 38-1
 McDowell, Fletcher H. 39-2
 McGovern, J. Bruce 43-2
 McGovern, John H. 44-2
 McGovern, Robert G. 40-4
 McGowan, Frank J. 37-2
 McGowan, Lillian E. 41-4
 McGrath, John F. 41-4
 McGrath, N. Eileen 38-4
 McGrew, Herbert E. 45-1
 McGuire, Thomas F. 42-4
 McHugh, Paul R. 39-2
 McIlveen, Marion 41-1
 McKenna, James 41-3
 McKinley, Robert A. 45-1
 McKinney, Peter W. 44-3
 McKnight, William K. 45-1
 McLane, Charles M. 40-1, 42-2
 McLaughlin, Robert R. M. 45-3
 McLean, Donald C. 41-4
 McLean, John M. 43-1
 McLellan, Allister M. 37-2, 45-4
 McLellan, Frederick C. 44-2, 45-3
 McLemore, George A., Jr. 38-2
 McShane, Richard H. 43-2
 McSherry, Charles K. 42-4
 Mead, Allen W. 38-4
 Mead, Philip 40-4
 Medici, Frank N. 41-4
 Mehta, Saroj 41-3
 Mehta, Satish K. 39-2
 Melchionna, Robert H. 38-1
 Mellors, Robert C. 40-1
 Melnick, Robert N. 40-3
 Meyer, Jean-Paul 39-2
 Michael, Stanley T. 41-2
 Middleton, Richard G. 44-4
 Milhorat, Ade T. 38-1
 Miller, Richard W. 39-3
 Millstein, Gerald J. 37-2
 Minick, C. Richard 40-2
 Miscall, Brian G. 43-4
 Mitty, Virginia C. 41-1
 Mizrahi, Matilde 39-2
 Moccia, Joseph 37-3
 Modaber, Parvaneh 37-3
 Modell, Walter 38-4
 Molander, David W. 38-4
 Moldaver, Joseph 38-4
 Monahan, George R. 37-2
 Mongeau, Jean-Guy 41-3
 Monteith, James C. 45-4
 Montimurro, Joseph A. 45-3
 Moore, Holland V. 43-2
 Moore, James A. 44-1
 Moore, Samuel W. 42-1
 Moorhead, Harry H. 45-1
 Morgenthau, Joan E. 41-1
 Moriber, Lloyd A. 44-4
 Moritz, Timothy B. 39-4, 42-4
 Morrison, Myles C. 40-3
 Mott, Walter W. 45-4
 Mountcastle, Walter E. 39-4
 Muecke, Edward Carl 44-3
 Mueller, George C. 44-1
 Mujahed, Zuheir 42-2
 Murphy, George E. 40-2
 Murphy, John J. 42-4
 Murphy, Richard E. 40-4
 Murphy, Willis A. 38-2
 Muschenheim, Carl 38-1
 Myers, W. P. Laird 38-2
 Myers, Wayne A. 41-4
 Nachman, Ralph L. 38-4
 Nachtigall, Henry B. 38-4
 Nagler, Willibald 39-2
 Nakamoto, Masao 40-3
 Nathanson, Bernard N. 40-2
 Nathanson, Joseph M. 37-3
 Neumann, Karl 41-3
 Neviasser, Robert J. 43-2
 New, Maria I. 38-4, 41-1
 Nicholas, James A. 44-2
 Nickel, William F., Jr. 42-1
 Norsa, Luigia 39-3
 Notterman, Rebecca F. 41-2
 Nydick, Irwin 38-2
 O'Brien, Barbara E. 45-2
 O'Connell, Daniel J. 42-4
 Ogilvie, John B. 42-3
 O'Grady, William P. 43-4
 Okinaka, Arthur J. 42-3
 Okuda, Minoru 40-4
 Olcott, Charles T. 37-3
 Olivier, Norman 39-3
 O'Neil, Jane F. 45-1
 O'Neil, H. William 40-4
 O'Neil, Patricia M. 37-2
 O'Neill, Earl A. 42-3
 Opie, Eugene L. 37-3
 Oppel, Theodore W. 38-1
 O'Regan, Charles H. 37-3
 Orme, S. Kirby 43-2
 Orr, Walter J. 39-3, 45-2
 O'Shaughnessy, Hugh P. 37-3
 Ostrolenk, David G. 42-2
 Pachter, Maurice 42-1
 Padar, Stephen C. 43-4
 Panlilio, Enrique L. 37-4
 Parish, Lawrence J. 38-4
 Park, Benjamin S., Jr. 43-3
 Parke, William M., Jr. 45-3
 Parsons, Herbert 43-2
 Parsons, John M. 43-4
 Patterson, Robert L., Jr. 44-1
 Patterson, Russel H. 37-3
 Patterson, Russel H., Jr. 43-2
 Pavel, Alan 44-4
 Payne, Mary Ann 38-1
 Pazianos, Artemis G. 38-2
 Peightal, Thomas C. 45-3
 Penick, Sydnor B. 38-4
 Peretz, Walter L. 43-3
 Perkins, Richard 38-4
 Perrone, Francis S. 38-2
 Perry, Herbert S. 43-3
 Peter, William J. 41-3
 Peters, Ruth D. 41-3
 Peterson, Hart deCoudres 39-4, 41-3
 Peterson, Keith 39-2
 Peterson, Kirk L. 39-3
 Peterson, Ralph E. 38-1
 Phillips, Raymond E. 39-3
 Philson, Arthur D. 38-4
 Piccaro, Ernest R. 43-2
 Pierce, Virginia K. 40-3
 Pindyck, Johanna 39-3
 Pino, Robert S. 41-4
 Pitkin, Olive E. 41-2
 Pitman, John M., Jr. 43-1
 Platt, Melville A. 40-3
 Plum, Fred 39-1
 Plummer, Norman 38-2
 Pochedly, Carl E. 41-3
 Poker, Nathan 42-1
 Pomeranz, Virginia E. 41-2
 Pondér, Joao de S. 39-2
 Posner, Jerome B. 39-2
 Potor, Aurelia 38-4
 Preuss, James W. 43-3
 Prince, Ivin B. 43-3
 Pritchett, R. A. Rees 38-1
 Prokop, James D. 43-4
 Prout, Curtis T. 45-1
 Prunier, John H. 38-4
 Putnam, John J. 43-2
 Quénan, John T. 40-3
 Quen, Jacques M. 41-4
 Raafat, Farro 40-4
 Raine, Alan C. 45-2
 Raleigh, James W. 39-1
 Ranzenhofer, Edwin R. 41-4
 Rappaport, Irwin 41-4
 Ray, Bronson S. 43-1, 45-4
 Raymond, Edward A. 45-4
 Raziano, Joseph V. 40-4
 Reader, George G. 38-1
 Redo, S. Frank 42-2
 Rees, J. Richard 43-3
 Reese, Martha K. 41-4
 Reeves, Alexander G. 39-4
 Reis, Donald J. 39-2
 Reisch, Milton 39-1
 Reiss, Sanford M. 39-1
 Remen, Rachele N. 41-4
 Remler, Anna M. 41-4
 Reznikoff, Paul 37-3
 Ribble, John C. 38-2
 Richard, Jack 39-1
 Richardson, Eric C. 43-2
 Richardson, John R., Jr. 43-4
 Richter, Goetz W. 40-2
 Riggins, Robert C. K. 39-3
 Rigney, Thomas G. 39-1
 Riley, Edgar A. 38-2
 Rinzler, Seymour H. 39-1
 Risk, Abraham 40-4
 Rittwagen, Marjorie 41-4
 Rives, Kathleen L. 39-1
 Rizzo, Peter-Cyrus 44-2
 Rizzo, Thomas D. 44-3
 Robbins, David B. 45-2
 Robbins, Philip S. 41-2
 Robbins, William C. 38-1
 Roberts, Thomas N. 38-2
 Robertson, Theodore 40-2
 Robinson, Theodore 42-2
 Rockwell, Fred V. 41-1
 Rodrigues, Louis P. 41-4
 Rogoff, Bernard 39-1
 Romas, Nicholas A. 43-3
 Roseman, David M. 38-2
 Rosenfeld, Isadore 38-3
 Rosenfeld, Martin J. 41-4
 Rosh, Melvin S. 41-2
 Ross, Albert M. 39-4
 Rost, Dwight M. 43-3
 Rothbard, Sidney 38-3
 Rubin, Albert L. 38-3
 Rubin, Walter 39-1
 Rudd, Emmanuel 39-1
 Rudd, Lucie L. 41-2
 Rueggeger, Paul 39-2
 Ruskin, Richard A. 40-3
 Rutgers, Carol Fay 39-2
 Ryan, S. Francis 40-3
 Sackett, Nelson B. 40-1
 Sakati, Isam 44-4
 Sallick, Richard M. 42-4
 Samios, George 41-2
 Santos, George P. 43-3
 Sasseville, Real 44-3
 Saunders, Richard H., Jr. 38-3
 Saville, Paul D. 38-3
 Savitz, Sumner Alan 42-4
 Sayers, Ross V. 39-1
 Schaefer, George 40-2
 Schaeffer, B. Timothy 40-4
 Schaffer, Shirley 41-4
 Scherr, Lawrence 38-3
 Scherzer, Alfred L. 41-4
 Scheuing, Marilyn R. 42-1
 Schiavi, Raul C. 42-2
 Schildhouse, Andrew 44-3
 Schlaepfer, William W. 40-3
 Schmidt, J. Kenneth 43-3
 Schmidt, John G. 42-2

- Schneider, William . . . 39-4
Schoelly, Marie-Louise . . . 41-3
Schreiber, Howard . . . 41-2
Schuyler, Leonard H. . . 39-1
Schwanderla, Edward A. . . 45-2
Schwartz, Ernest . . . 38-3
Schwartz, Jerold . . . 37-2
Scott, William R. . . . 39-4
Seed, William T. . . . 41-4
Seelye, Edward E. . . . 45-1
Seixas, Frank A. . . . 39-1
Seligmann, Arthur W. . . 39-1
Seward, John H. . . . 44-4
Seybolt, John F. . . . 40-2
Shafer, Donald M. . . . 43-2
Shapiro, David 39-2
Shapiro, William R. . . . 39-4
Sharkey, Robert E. . . . 41-3
Sharp, Vernon 41-3
Sharp, Vernon H. . . . 45-4
Shashaty, George G. . . . 39-4
Sheard, Charles, III . . . 38-3
Shepard, Edward M. . . . 39-1
Shera, W. Robert 45-4
Sheridan, Wallace Moore . . 45-4
Sherlock, Paul 38-3
Sherwin, Albert C. . . . 41-1
Shibuya, Madoka 41-1
Shields, Joseph D., III . . 39-4
Shinefield, Henry R. . . . 40-4
Shore, Nathan A. . . . 43-3
Shuber, Jack 40-4
Shulman, Martin J. . . . 39-2
Siegel, Robert S. . . . 43-4
Silver, Richard T. . . . 38-3
Silverman, Frederick . . . 40-3
Silverman, Gerald M. . . . 39-1
Simons, Donald J. . . . 39-2
Sinclair, Harry A. . . . 39-1
Skelton, Jay B. 40-3
Skowronski, John R. . . . 40-4
Skudder, Paul A. . . . 42-3
Slater, Beatrice S. . . . 41-2
Slater, Ralph A. 45-2
Sleisenger, Marvin H. . . . 38-1
Smillie, Wilson G. . . . 37-3
Smith, Arthur M. . . . 43-3
Smith, Barry D. 40-4
Smith, Carl H. 37-3
Smith, Carter, Jr. 39-4
Smith, David I. 41-2
Smith, E. Fletcher 40-2
Smith, Frank R. 37-3
Smith, J. James 39-1
Smith, James P., Jr. . . . 39-4
Smith, James W. 44-2
Smith, Martha L. 41-1
Snart, Alan G. 39-1
Sneed, Gary A. 45-2
Snyder, Stuart S. 43-2
Sobin, Leslie H. 40-3
Solomon, Gail E. 41-4
Sondheimer, Fred K. . . . 42-4
Sonenberg, Martin 39-2
Song, Chull S. 39-1
Sonkin, Lawrence S. . . . 39-1
Speer, David S. 42-3
Spencer, James H., Jr. . . . 42-2
Spielman, Aaron D. . . . 38-3
Spinelli, Anthony N. . . . 44-3
Spire, Edward D. 43-4
Spor, Herbert J. 39-1
Sprague, Henry H. 44-4
Spritz, Norton 38-3
Squires, Franklin A. . . . 45-4
Squires, Willard H. . . . 39-1
St. Pierre, Raymond 44-4
Stafford, Gerald E. . . . 41-2
Stamatov, John A. . . . 45-2
Stanton, Edward F. . . . 40-3
Stassa, George 42-2
Steadman, E. Thomas . . . 40-3
Stein, Harry L. 42-2
Stein, Marvin 41-1
Steinbeck, Alfred W. . . . 39-2
Steinberg, Charles R. . . . 39-4
Steinberg, Herman 38-3
Steinberg, Israel 38-1, 42-2
Steinhart, Melvin J. . . . 42-4
Stenzel, Kurt H. 39-1
Stern, Gertrude S. . . . 40-4
Stern, Peter H. 39-1
Stevens, Alexander R. . . . 37-4
Stewart, Fred W. 37-4
Stewart, Harold J. . . . 37-4
Stewart, William L. . . . 45-2
Stillerman, Maxwell . . . 41-1
Stimson, Philip M. . . . 37-4
Stockheim, Michael S. . . 42-1
Stoesser, Sara Ann 39-4
Stokes, Peter E. 38-1
Stone, Richard W. 38-3
Straub, Lee R. 44-1
Straub, Leonard R. . . . 41-3
Strickler, James C. . . . 38-3
Strone, Bernard W. . . . 39-1
Struve, John F. 44-2
Stuart, Frances F. . . . 41-4
Stubenford, William D. . . 38-3, 45-3
Stubenbord, William T. . . 43-3
Sullivan, Colleen A. . . . 37-4
Sullivan, John E. 42-3
Sullivan, John L. 42-4
Sullivan, Joseph D. . . . 41-3
Susman, David 37-4
Swan, Kenneth G. 43-3
Swanson, August G. . . . 40-4
Swanson, Gary E. 42-4
Sweeney, William J., III . . 40-2
Swift, Katharine 39-1
Swift, Katharine W. . . . 42-4
Szmurlo, Krystyna 37-4
Taintor, Zebulon C. . . . 42-4
Tamlyn, Thomas T. . . . 39-1
Tang, James S. 41-3
Tani, T. Miriam 37-4
Taylor, Charles N. 42-1
Taylor, Irvin S. 43-3
Telmosse, Roger 44-3
Temple, Harold L. . . . 42-1
Terry, Stephen 40-4
Testa, Michael L., Jr. . . . 37-4
Thal, Nathan 41-4
Theodor, Emanuel 39-2
Thibeault, Donald W. . . . 41-3
Thieman, Phillip W. . . . 43-4
Thompson, David D. . . . 38-1
Thompson, T. Campbell . . 44-1
Thorbjarnarson, Bjorn . . 42-1
Thurman, William G. . . . 40-4
Tiers, Francis M. 37-3
Timpanelli, Alphonse E. . . 38-1
Toch, Herbert 42-4
Todd, Jean E. 40-2, 42-4
Tolins, Peter S. 41-2
Tolstoi, Edward 37-4
Toni, Evelyn F. 40-4
Topkins, Marjorie J. . . . 37-1
Torack, Richard M. . . . 40-2
Torre, Douglas P. 38-1
Torsney, Jerome M. . . . 41-3
Traube, Sylvia G. 41-3
Travell, Janet 39-1
Trebowski, Theodore E. . . 43-4
Tripp, Cecil de Wayne . . 39-4
Trombold, James C. . . . 39-4
Troy, Bart 39-4
Tucker, Garrett R., III . . 43-3
Tucker, Kenneth 41-3
Tuerk, Kenneth 41-4
Tunner, William S. . . . 44-4
Turpin, Delilah L. . . . 41-4
Tyndall, Marian 45-2
Urffer, Paul A. 42-4
Vadeika, Edward A. . . . 42-1
Van Allen, Traer 41-4
Vanden Bergh, Richard L. . 45-2
Van der Decker, John D. . 39-4
Van Nostrand, E. Leslie . . 45-2
Van Poznak, Alan 37-1
Veech, Richard L. 39-4
Veith, Frank J. 42-4
Verges-Flaque, Albert . . 44-3
Voeller, Kytja K. 41-4
Vorhaus, Louis J., II . . . 39-1
Wade, Preston A. 42-1
Wadler, Gary I. 39-4
Wadsworth, Morton L. . . 41-3
Wagner, Lewis C. 37-4
Wainerdi, Harold R. . . . 39-1
Wainwright, William H. . 41-1
Walden, William D. . . . 40-3
Wall, James H. 45-1
Wallis, Lila A. 38-3
Walsh, John H. 39-4
Wanderer, Alan A. . . . 41-3
Wantz, George E. 42-1
Ware, H. Hudnall, III . . . 40-4
Warner, Nathaniel 41-1
Warren, Porter H. 45-1
Wasterlain, Claude 39-4
Watkins, George M. . . . 43-3
Watson, Barraud J. . . . 45-4
Watson, H. Kirk 44-4
Watson, Robert F. . . . 38-1
Watson, Robin C. 42-3
Watters, Win Henry . . . 45-4
Wayne, Henriette L. . . . 41-3
Weaver, Dean H. 43-3
Weber, Edward W. . . . 45-3
Webster, Bruce P. 38-1
Wehner, Nancy S. 42-4
Weiman, Clinton G. . . . 38-3
Weingarten, Seth M. . . . 43-3
Weingram, Judith 37-4
Weinroth, Jerome R. . . . 37-3
Weiss, Alvah M. 41-1
Wei-Ting Yu, Peter 37-3
Weitzman, Elliott L. . . . 41-1
Wells, Aaron O. 38-3
Werden, Virginia 40-3
Werner, Anthony S. . . . 39-1
Weser, Elliot 38-3
West, John P. 42-2
Weymuller, Charles A. . . 37-4
Weymuller, Louis E. . . . 40-4
Whayne, Thomas F. . . . 39-4
Wheat, William D. . . . 41-3
Wheatley, Marjorie A. . . 41-1
White, Stephen 42-1
White, William A. . . . 43-4
Whitmore, Willet F., Jr. . 44-1
Whitney, Alden E. . . . 42-1
Whitsell, John C., II . . . 42-3
Wieche, Robert E. . . . 40-3
Wieneke, Kuhrt, Jr. . . . 43-3
Wierum, Carl 39-1
Williams, Byard 38-1, 45-2
Williams, John R. . . . 44-2
Williamson, Peter D. . . . 39-4
Wilson, Florence A. . . . 39-1
Wilson, May G. 37-4
Wilson, Peter G. 41-3
Wilson, Philip D. 37-4
Wilson, Philip D., Jr. . . 44-2
Winchester, Patricia H. . . 42-4
Winchester, Robert J. . . 39-4
Winick, Myron 41-1
Winston, A. L. 38-3
Wolfe, Richard D. . . . 42-4
Wolfson, Edward A. . . . 39-1
Woodard, John R. . . . 44-3
Woodrow, Steven I. . . . 43-4
Woodruff, James M. . . . 40-4
Woodruff, Judith J. . . . 39-4
Worthen, Howard G. . . . 40-4
Worthington, Edward L. . 39-1
Wright, Irving S. 38-1
Wroblewski, Felix 39-1
Yormak, Stanley S. . . . 39-1
Young, Alexander W. . . 38-3
Zakheim, Richard M. . . 41-4
Zakim, David 39-1
Zetterstrand, Norma M. . 41-3
Zetterstrand, Philip A. . . 44-3
Zinn, Stephen A. 42-4
Zipper, Howard D. . . . 43-4
Zipser, Stanley S. . . . 40-4
Zito, Joseph J. 43-3
Zweifach, Philip H. . . . 43-4

In grateful recognition

The Society of the New York Hospital pays tribute to the many selfless, dedicated individuals who in past decades enabled the Hospital to come into being and carry forward its mission to humanity, and to those who in the present give of their resources so that its proud record of service may continue. Contributions, large and small, are the life-blood of the Hospital.

LEGACIES have greatly aided the Hospital in its work of caring for the sick and advancing the frontiers of medical knowledge. Clauses written in this connection should specify "The Society of the New York Hospital" as the beneficiary.

ENDOWED BEDS, described on page 60, are a unique way of establishing a living and meaningful memorial.

MEMORIAL GIFTS are welcome in every department of the Hospital and may reflect the donor's particular area of interest and the amount he desires to give. Large donations may initiate a new scientific project or supply greatly needed items of equipment. The Secretary's office will supply details regarding the creation of such a memorial gift.

Donors of sums over ten thousand dollars are memorialized in the lobby of the Hospital and in its annual reports. Donors of sums in any amount are extended the sincere appreciation and deep gratitude of the officers of the Society on behalf of the thousands of people whom the Hospital serves.



THE SOCIETY OF THE NEW YORK HOSPITAL

annual
report 1965

The New York Hospital
is a voluntary, non-profit institution,
operated as a community service by
The Society of the New York Hospital.
525 East 68th Street, New York N.Y. 10021



THE SOCIETY OF THE NEW YORK HOSPITAL

Officers and Governors of The Society . .	2
Standing Committees	32
Officers of the Women's Auxiliary .	33
Officers of the Ladies' Auxiliary . .	33
Administrative Officers	33
Report of the President	3
Report of the Director of the Center . .	5
Report of the President of the	
Medical Board	7
Anesthesiology	9
Medicine	10
Neurology	13
Obstetrics and Gynecology	15
Pathology	17
Pediatrics	18
Psychiatry	20
Radiology	23
Surgery	24
Report of the Director	26
Report of the Nursing Service	28
Report of the Women's Auxiliary	31
Financial Statements	34
Statistics of Service to Patients	39
Donors to the Society	45
Legacies	47
Endowed Beds	48
Professional Staff	50
Index to Professional Staff	59

ANNUAL REPORT / 1965

The Society of the New York Hospital

Standing Committees: See page 32

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E. Hugh Luckey, M.D., *President*, from July 1

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Ex-officio

Report of the President

FREDERICK K. TRASK, JR.

IN accordance with its tradition of almost two centuries, The New York Hospital during the year 1965 gave care and comfort to well over a hundred thousand human beings who needed its help. The three divisions admitted and cared for 34,551 hospitalized patients and treated 47,009 in the Out-Patient Departments. The large number of patients from foreign countries, even from as far away as Asia, testifies to the high reputation that the Hospital enjoys abroad as well as in this country.

A year ago the President's report was devoted primarily to the search for endowed support, to the current enlargement of our Center's facilities, and to the program that was making this possible, the Fund for Medical Progress. Launched in 1961 as a joint effort of The New York Hospital, the Cornell University Medical College, and The New York Hospital-Cornell School of Nursing, and under the chairmanship of the Honorable John Hay Whitney, it represents perhaps the most ambitious fund-raising effort ever undertaken by a medical center. By the end of 1965, more than \$58,000,000 or 97 per cent of the goal of \$59,700,000, had been raised.

The Fund Steering Committee thereupon decided to extend the campaign for six months in order to match a \$3,000,000 challenge gift announced in November and thereby reach its financial objective. The challenge gift from Mr. I. Rogosin, an outstanding friend of our Center and of mankind, was the more remarkable in that he had already donated \$3,500,000, making him the largest individual contributor.

The degree of success achieved to date is testimony to the high esteem our Center enjoys,

to the generosity of thousands of individuals, corporations, and foundations, and to the dedication of all those who have cooperated in this monumental task. At the same time, it must be emphasized that this is no occasion for resting on our laurels. Rising costs and unavoidable expansion of objectives have increased our immediate pressing requirements, so that at the year's end \$4,750,000 is still needed for the Harkness Building, the new surgical floor, the Lying-In Out-Patient Department, and the elevator system. Donations for these purposes must be vigorously sought.

Consistent with the Fund concept and of even greater significance for the future was the continued trend toward unity in the objectives, methods, and programs of the Hospital, the medical college, and the nursing school. One step of major importance in this respect was accomplished when the Westchester Division, previously a psychiatric branch of the Hospital without university affiliation, became an integral part of the Department of Psychiatry of the Center under the supervision of Dr. William T. Lhamon, Psychiatrist-in-Chief.

The Westchester Division now functions as a teaching hospital for Cornell residents in psychiatry, comparable to the Payne Whitney Psychiatric Clinic of The New York Hospital in New York City, and a strong liaison is being developed between the two facilities. This affiliation brings all the advantages of a university to a hospital with a long tradition of excellence.

In July of 1965, Dr. James H. Wall retired as Medical Director of the Westchester Division. For over 37 years Dr. Wall was in continuous association with this institution and was its medical director from 1946. His successor



is Dr. Francis T. Hamilton, long connected with the Hospital and the Center, and Professor of Clinical Psychiatry at Cornell University Medical College. Dr. Richard N. Kohl was appointed Medical Director of the Payne Whitney Psychiatric Clinic, with which he has been associated since 1944.

This annual report contains for the first time a statement from the Director of the Center, Dr. Joseph C. Hinsey, which emphasizes the complex nature of the relationship between the component institutions and the opportunities for achievement through coordinate action. In July, 1965, it was disclosed that Dr. Hinsey would retire on June 30, 1966, completing thirty years of uninterrupted service as Professor of Neuroanatomy, Dean of the Medical College, and Director of the Center. Dr. Hinsey will remain as a consultant.

Concurrently, it was announced that his successor would be Dr. E. Hugh Luckey, who will relinquish his post as Physician-in-Chief to become President of the Center, a new title selected by the Joint Administrative Board of which he will be a member ex-officio. Dr. Luckey will also be named Vice-President of

The New York Hospital and Vice President for Medical Affairs of Cornell University.

In preparation for his new post, Dr. Luckey was granted a leave of absence to undertake an intensive study of the Center, its near- and long-term goals and objectives, and of current and prospective developments in medical science, education, and patient care in this country and other parts of the world. Dr. Luckey also served for three years as Dean of the Medical College before being named Physician-in-Chief in 1957.

In December of 1965, Mr. Kenneth H. Hannan was elected President of The Society of the New York Hospital, to take office on January 1, 1966. Mr. Hannan has been a member of the Board of Governors since 1957 and has served as Vice-President and Chairman of the Budget Committee as well as a member of the Executive and Nominations Committees. He brings vast business experience and an intimate knowledge of the Society's affairs to this position. Mr. George S. Moore was elected Vice-President of the Society and Mr. Stanley de J. Osborne was elected Vice-President and Chairman of the Budget Committee.

The Board of Governors warmly welcomed the addition of Mr. R. Palmer Baker, Jr., and Mr. Walter A. Kernan, and the return to the Board of Mr. C. Douglas Dillon after several years' absence in the service of the government. Mr. Hamilton Hadley, Mr. Willard S. Simpkins, and Mr. Francis Kernan retired from the Board and were elected Honorary Governors.

This report on the activities of 1965 completes my fifth and final term of office as President of The Society of the New York Hospital. These years have been busy and inspiring ones, filled with the pleasure of work in a worthy cause, the satisfaction of accomplishment, and the comradeship of able and dedicated colleagues. It has been a privilege beyond price, and I wish to express my appreciation to all who made possible this deeply rewarding experience.

Report of the Director of the Medical Center

DR. JOSEPH P. HINSEY

THE institutions grouped near 68th Street and York Avenue in New York City, Rockefeller University, The Memorial-Sloan Kettering Cancer Center, the Hospital for Special Surgery and The New York Hospital-Cornell Medical Center, constitute one of the world's great medical complexes. Without including the 350 beds at The New York Hospital-Cornell Medical Center Westchester Division in White Plains, there are about 2,000 hospital beds in this complex. Health care is provided to the well and the sick who find here a haven where high standards of quality prevail and human welfare is the major concern. Students at many levels receive instruction in the various fields of science and medicine and many types of research are carried on.

The cooperation between the institutions is exemplified by the system of tunnels which links them and makes it possible to move a patient in a hospital bed from one institution to another. Even where there is no formal affiliation, great values ensue from the fact that these friendly institutions carry out their missions in close proximity and a variety of specialized talents may be brought to bear on research and educational projects and on the care of the patient with a unique problem.

Each year the value of these relationships takes on greater meaning. During the past year Dr. E. Hugh Luckey has been carrying on a study, with the support of the Commonwealth Fund, to see what can be done to advance the cooperative efforts of this medical community and the over-all programs of the Medical Center. He has been working with an advisory committee made up of the Center Joint Admin-

istrative Board with the addition of representatives from our sister institutions.

In The New York Hospital-Cornell Medical Center, approximately 1,000 medical students, nurses, interns, graduate students and physicians receive instruction each year; 110,000 patients are cared for; research is conducted in the amount of approximately 10 million dollars; and the budgets total approximately 46 million dollars. Under a policy determined by the Joint Administrative Board, the Medical College administers all funds for teaching and research and the Hospital manages all funds used for patient care.

Extensive programs of research are carried on in the medical school, enriching those of the clinical departments of the Hospital, just as the latter contribute so much to the work of the former. Discoveries made in the College bear fruit in the care of patients. Members of the staffs of Anatomy, Neurology and Psychiatry are working together on problems of human behavior. Biochemists based in Pediatrics also work in the Department of Biochemistry. The milk-let-down factor which was isolated from pituitary glands by Dr. Vincent du Vigneaud and his colleagues has been used in the treatment of patients in the Department of Obstetrics and Gynecology. Numerous examples of this type of inter-disciplinary approach can be cited.

The physical facilities of the Medical Center are growing and expanding. During the last fifteen years, much has been done to provide nearby living quarters for staff and students; the newest addition, the Laurence G. Payson House, is now being built.

The William Hale Harkness Medical Research Building will be started next year and will add significantly to our over-all facilities. For these facilities to have significance, great attention must be given to staffing them with able people. Only as we choose the most promising and competent staff and students will we meet our responsibility to the public. The vastly increased support for research coming from government and private sources has materially aided us in providing challenging opportunities to push back the frontiers of knowledge.

The best patient care is done in an environment where teaching and research are being conducted. This will continue to be true only if we maintain a proper balance in our four-

fold mission of patient care, teaching, research and preventive medicine.

A Center like ours is ever striving to improve its program and facilities. The Fund for Medical Progress has done much to make possible badly needed improvements, but we must push ahead to provide for future needs as they are presented and found to be worthy. We shall ever be seeking and searching for better ways to advance the health of all citizens. In so doing, we must continually ask ourselves the question, "how big is big?" We must be selective in adding activities so that we can continue to focus on the individual and do the best possible job of caring for one patient at a time.

One of the world's great medical complexes: The New York Hospital-Cornell Medical Center, Rockefeller University, the Memorial-Sloan Kettering Center, and the Hospital for Special Surgery.



Report of the President of the Medical Board

FRANK GLENN, M.D.

THE reports of the various services of The New York Hospital for the year 1965 show a vigorous drive for the improvement of patient care in all departments. The trend toward close collaboration among services, noted last year, for the purpose of providing more unified, less fragmented patient care, has continued at an accelerated pace, as evidenced in the report from the Department of Medicine and elsewhere.

The reader will also find extensive reports of the research activities carried on in all areas of the Hospital. The long-range aim of such research is to broaden the horizons of man's knowledge. At the same time, there is immediate benefit as procedures devised in the laboratory find prompt application in the form of better methods of diagnosis, better understanding of the disease process, and consequently, more efficacious treatment.

This report is rich in such examples. The Department of Anesthesiology is pioneering in the development and use of non-explosive agents for general anesthesia. Staff members of the Department of Medicine have taken part in the establishment of a new and highly effective treatment for typhoid fever. Obstetrics and Gynecology reports early success with new techniques for preventing the onset of premature labor. The Department of Pediatrics announces advances in the management of a serious kidney disorder in children, as well as discoveries important in the care of premature infants. The Department of Surgery makes mention of several improvements in technique, particularly in the field of heart surgery. These are only a few of the many examples

which might be cited and which show the immediate relevance of broad-based research activities to day-to-day improvements in patient care.

The professional activities of the Hospital are reported by individual departments on the following pages. Staff changes during the year were as follows:

New appointments and promotions: On March 1, Dr. Charles S. Lieber joined the staff of the Department of Medicine as Associate Attending Physician. Drs. Anthony Cipollaro, Frank Cormia, Aaron Feder, B. H. Kean and Marvin Sleisenger were promoted to Attending Physicians, and the following to Associate Attending Physicians: Drs. E. Lovell Becker, Albert J. Erdmann, Jr., George W. Frimpter, William Geller, Sidney M. Greenberg, Melvin Horwith, George L. Kauer, Frederick T. Kirk-

In The New York Hospital:

1,310 Doctors

1,567 Hospital Beds

89 Clinics for Out-Patients

9 Medical Departments:

Anesthesiology

Neurology

Medicine

Obstetrics and Gynecology

Pathology

Pediatrics

Psychiatry

Radiology

Surgery

ham, Jr., Robert M. Lintz, Sidney Rothbard, Albert L. Rubin, and Norton Spritz.

On July 1, Dr. Francis J. Hamilton succeeded Dr. Wall as Medical Director of the Westchester Division; Dr. Donald M. Hamilton was appointed Assistant Medical Director and Dr. Barbara Betz was appointed Associate Attending Psychiatrist.

Dr. A. Whitley Branwood was promoted to Attending Pathologist and Drs. John E. Seybolt and Jean E. Todd were promoted to Associate Attending Pathologists.

Dr. Frederick C. Hunt, Associate Attending Pediatrician, was appointed Consultant in Pediatrics. Drs. Robert Landesman, George Schaefer, and William J. Sweeney, III, were promoted to Attending Obstetricians and Gynecologists, and Drs. David B. Crawford and Edward F. Stanton to Associate Attending Obstetricians and Gynecologists.

Dr. Richard N. Kohl, Attending Psychiatrist, was appointed Medical Director of Payne Whitney Psychiatric Clinic on July 1.

Retirements and resignations: On January 1, Dr. A. Whitley Branwood was appointed Acting Pathologist-in-Chief to succeed Dr. Kidd who completed sixteen years of service as Pathologist-in-Chief on December 31, 1964.

Dr. James H. Wall retired on June 30 as Medical Director of the Westchester Division, after having served in that capacity for eighteen years. He was appointed Medical Director Emeritus and will continue to serve as Consultant. Dr. Win H. Watters, Consultant in Surgery for the Westchester Division, retired on July 1.

On July 1, Dr. E. Hugh Luckey, Physician-in-Chief, was granted a year's leave of absence to undertake a study of long-range planning with respect to the future organization of the institutions in The New York Hospital-Cornell University Medical Center community; Dr. David Thompson, Attending Physician, was appointed Acting Physician-in-Chief.

Dr. Katharine Butler retired from the active

practice of medicine on September 1, and resigned from the staff of the Hospital as Consultant for the Department of Medicine after more than 30 years association with the Center.

Dr. Henry R. Shinefield, Associate Attending Pediatrician, resigned to join the Permanente Medical Group in San Francisco.

Dr. William H. Wainwright, Associate Attending Psychiatrist, resigned to take a position with the New York Medical College.

Deaths: Dr. Samuel Farrar Kelley died on January 5. Dr. Kelley was an Attending Surgeon in Otolaryngology until his retirement in 1961, when he joined the Courtesy Staff.

Dr. David N. Barrow, a member of the Obstetrics and Gynecology Courtesy Staff, died on January 28.

Dr. Perry S. Boynton, Jr., Assistant Attending Obstetrician and Gynecologist, died on February 9 after a long illness.

Dr. Milton Lurie Kramer, Attending Physician and Clinical Professor of Medicine, died on March 8, 1965, after more than 30 years on the staff of The New York Hospital.

Dr. Albert J. Erdmann, Jr., died on June 11, 1965. At the time of his death, Dr. Erdmann was Assistant Attending Physician and Clinical Assistant Professor of Medicine; he was scheduled to take over the post of Associate Attending Physician and Clinical Associate Professor on July 1.

Dr. Russell L. Cecil, Emeritus Professor of Medicine and Consulting Physician, died on June 6, at the age of 83. Dr. Cecil had been associated with the Center for more than 50 years and gained world-wide recognition for his creation of Cecil's Textbook on Medicine.

Dr. George H. Hyslop, a member of the Department of Medicine Courtesy Staff, died on June 28, 1965.

Dr. Harold R. Wainerdi, Physician to Out-Patients, died on August 18.

Dr. J. Randolph Gepfert, Jr., Attending Obstetrician and Gynecologist, died on November 16.

Anesthesiology

JOSEPH F. ARTUSIO, JR., M.D.

Anesthesiologist-in-Chief

THE Department of Anesthesiology administered a total of 20,250 anesthetics to patients during the year 1965. The number of general anesthetics rose to 16,352, more than that of the previous year. An important development during the year was the increased use of non-explosive agents for general anesthesia. The number increased by one-third, a total of 6,325 being administered.

The role of the anesthesiologist in the care of the patient is becoming increasingly large, as a result of his special knowledge of respiratory care, care of the unconscious patient, and the management of chronic and acute pain problems. Today, some phases of anesthesiology is provided to patient care in every clinical department of the Hospital.

The attending staff of anesthesiologists now numbers 18, the largest number of attending physicians in this department in its history. The graduate staff in training numbered 18 again this year.

Members of the Department collaborated in an interesting study on the accumulation of carbon monoxide in closed anesthesia systems, marking the first time that this problem has been considered. Dr. Joseph F. Artusio, Jr., Dr. Alan Van Poznak, and Dr. Victoria Middleton were among the authors. Dr. Artusio also published an extensive review of the effect of anesthetic agents on the human liver, which attracted wide interest.

Dr. David Susman and Dr. Eileen Kass completed their residencies and became Assistant Attending Anesthesiologists on the senior staff.

*Non-explosive anesthetics being used
in an open-heart operation.*



Medicine

DAVID D. THOMPSON, M.D.
Acting Physician-in-Chief

THE growing complexities of medicine have on the one hand increased the need for specialization, and on the other required that problems of health and disease be attacked through an inter-disciplinary approach. The extent and importance of collaborative efforts in modern medicine can be illustrated by a review of some of the projects undertaken by members of the Department of Medicine in association with colleagues in other departments.

In the Division of Allergy and Infectious Disease, Dr. Edward Hook and his colleagues are participating in several such studies. Dr. B. H. Kean has developed a program with Dr. Edward Goldsmith of the Department of Surgery to investigate methods for straining adult *Schistosoma mansoni* from the portal circulation of primates. This study came about because members of both departments are interested in transplanting tissues. Dr. Donald Kaye, working with Dr. Henry Shinefield of the Department of Pediatrics, has shown that splenectomy increases susceptibility of mice to pneumococcal infection.

A joint study with the Department of Obstetrics and Gynecology, on the incidence of asymptomatic urinary tract infection during pregnancy, has also been initiated by Dr. Kaye. With the cooperation of Dr. John McGovern of the Urological Division of the Department of Surgery, Dr. James Strickler of the Department of Medicine and Dr. Ray Bonsnes of the Department of Obstetrics, 1500 pregnant women were studied; 30 or 2 per cent were found to have bacteria in their urine cultures, though no symptoms of infection were present. A project is underway to examine

these women further after their deliveries. Among those so far studied, the majority have been found to have underlying structural abnormalities of the affected system.

The collaborative efforts of the Division of Allergy and Infectious Disease have not been confined to The New York Hospital-Cornell Medical Center. Professor Alunzio Prata and Professor Roberto Santos, both from the University of Bahia in Brazil, spent several months at the Hospital participating in activities of the Division. Drs. Hook and Kaye, along with Dr. Prata and Dr. Heonir Rocha, another member of the faculty at the University of Bahia, completed a study at that institution on the effect of ampicillin on the course of typhoid fever, and found that this new antibiotic is highly effective in the treatment of the disease.

In the Division of Gastroenterology, Dr. Marvin Sleisenger and his colleagues developed joint programs with members of the Department of Anatomy. Investigators from both groups are interested in the fine structure of cells as elucidated by electron microscopy and newly developed staining techniques for examination of tissues. Dr. Sleisenger and Dr. Michael Gershon of the Department of Anatomy are studying the role of a powerful chemical substance, serotonin, on the function of the gastrointestinal tract. Utilizing radioactive serotonin, they have demonstrated the presence of this substance in two portions of the intestine, a larger amount in the inner mucosal lining, and a smaller portion in the nervous elements, the myenteric plexuses. Further studies will attempt to elucidate the site and mechanism of action of this potent chemical com-



New in 1965: a facility for taking motion picture X-rays of kidney functions makes possible better diagnosis and care of patients.

pound. Utilizing the electron microscope and other techniques for examining in detail the structural alterations occurring in disease, Dr. Walter Rubin and Dr. Leonard Ross of the Department of Anatomy have been studying several diseases of the stomach, intestines and liver. Dr. Rubin is correlating the changes in structure with alterations in the enzyme content and functions of the diseased organs.

The Division of Cardiology, under the direction of Dr. Thomas Killip, has collaborated with members of the Cornell University-New York Hospital School of Nursing in the training of cardiac nurses. Nurses from the Coronary Care Unit as well as other sections of the Hospital received more than 40 hours of specialized training during a series of courses on

resuscitation and the principles of cardiac nursing. The management of the cardiac patient often requires complicated monitoring devices. Furthermore, abnormal and often life-threatening heart rhythms may develop abruptly, requiring that the nurse be adept at monitoring and skilled in resuscitative techniques. It is increasingly apparent that this training program has greatly improved patient care in the Coronary Care Unit.

Members of the Division of Cardiology continue to work closely with the cardiac surgeons. Dr. Coastas Lambrew of the Department of Medicine and Dr. George Holswade of the Department of Surgery are reviewing the experience in this institution with the replacement of damaged heart valves with plas-

*Specialty Clinics of
The Department of Medicine*

Allergy Clinic
Cardiology Clinic
Endocrinology Clinic
Gastroenterology Clinic
Hematology Clinic
Neurology Clinic
Nerve Block Clinic
Pulmonary Clinic
Anti-Coagulant Clinic
Dermatology Clinic
Peripheral Vascular Clinic

tic devices. Some workers have suggested that two or even three diseased heart valves should be replaced. Our approach has been to replace only that valve which seems to be causing the dominant abnormal effects, thus generally avoiding extensive manipulation of the others. The results appear to be entirely satisfactory.

Dr. Susan Carver of the Division of Cardiology worked with Dr. Lawrence Hinkle of the Division of Human Ecology in the long-term monitoring of the electrocardiogram during the daily activities of apparently healthy individuals. In a random sample of 350 employed men, each monitored for 8 to 10 hours, a number were found to have unsuspected abnormalities of heart rhythm as well as other electrocardiographic deviations from the norm. It is anticipated that it will be possible to establish prognostic correlations between the electrocardiogram during activity and the subsequent cardiac history of the individual. Dr. Edwin Ettinger, together with Dr. Robert Knapp of the Department of Obstetrics and Gynecology and Mr. Richard Levine, a fourth-year medical student, have been investigating

the effect of pregnancy on certain cardiac reflex functions to determine whether there is any relationship between prematurity of an infant and a lack of the normal cardiovascular changes of pregnancy. It may be possible to predict the risk of prematurity by performing certain simple physiological tests.

Dr. Ralph Peterson and others of the Sub-Division of Endocrinology along with Dr. Maria New of the Department of Pediatrics, have been investigating the excretion of the hormone, aldosterone, in children with diseases of the adrenal glands. A joint program is also being conducted to assess the secretion of male hormones in children. With Dr. Bronson Ray of the Department of Surgery, the effects of implanting the radioactive compound Yttrium-90 into the pituitary gland of patients with certain endocrine abnormalities is being studied.

An important step has been taken in the Out-Patient Department to improve the diagnostic, therapeutic and teaching functions of the general medical and general surgical clinics. In June 1965, these two clinics were merged forming the General Clinic. There are distinct advantages in having surgeons and internists in the same area for ready consultation with one another. The many patients who present both medical and surgical conditions receive more complete and efficient evaluation in the combined clinic.

These collaborative programs involving members of the Department of Medicine are only representative. There are many others which would illustrate equally well the importance today of inter-disciplinary approaches to the solution of medical problems. One of the great advantages of working in this Medical Center is the opportunity for physicians and scientists with different backgrounds and training to work together in developing better understanding and better methods of preserving health and treating disease.

Neurology

FRED PLUM, M.D.
Neurologist-in-Chief

AT year's end, 1965, the staff of the Department of Neurology numbered 22, with 9 full-time members and 13 research fellows and resident trainees. During 1965, there were 635 admissions to the neurological pavilion, 3,249 out-patient clinic visits, 790 consultations and 1,566 electroencephalograms.

In the summer of 1965, the Neurological Pavilion was remodeled to provide an intensive care and treatment facility for patients in coma and those requiring artificial respiration. Patients in coma from suicidal attempts or other causes as well as those with respiratory failure are admitted directly to this specially prepared unit. Only one death oc-

curred among the 30 critically ill patients treated during 1965.

A new division of Pediatric Neurology, in conjunction with the Department of Pediatrics, has been established under the direction of Dr. Hart de C. Peterson. It is resulting in more intensive care of children with mental retardation, epilepsy, neuromuscular disease, and certain other unusual neurological disorders. In the research laboratory, Dr. Peterson and co-workers are assessing techniques for documenting recovery of brain function following brain damage in infancy.

Dr. John Lee is engaged in clinical and basic research studies and is the Departmental

Taking an electroencephalogram, which records minute changes in electric potential in the cerebral cortex and helps to assess disturbances of brain function.



representative in a nation-wide cooperative study of the treatment of multiple sclerosis.

Dr. Donald Reis is analyzing the behavioral and automatic concomitants of sham rage in animals, in particular the control of cardiovascular and respiratory reflexes by the higher centers of the brain. He is also studying the mechanisms of spasticity in paralytic disorders in man.

Dr. Paul McHugh has undertaken the development of a new Behavioral Science Laboratory in conjunction with the Department of Psychiatry at the Westchester Division of The New York Hospital-Cornell Medical Center. He has furthered the understanding of dementia by demonstrating the possibilities for dramatic improvement in certain demented adult patients with occult hydrocephalus.

Dr. Jerome Posner is measuring human cerebral blood flow and cerebral metabolism in a variety of brain disorders. Accumulating data point to the importance of abnormal acid products of cerebral metabolism in accidental and self-induced poisonings. He is also exploring the effectiveness of stimulants of brain metabolism after strokes.

Dr. Fred Plum is studying the physiological control of respiration, cerebral circulation, and oxygen supply to the brain in animals and humans. These studies have broad implication for understanding the production of delirium, stupor, or coma in a wide variety of systemic disease.

The diagnosis and care of the neurological complications of malignant neoplasms was advanced by the Department's close affiliation with Memorial Hospital. Opportunities for clinical and research studies of traumatic, chronic, and vascular disease of the nervous system are supplied in the Cornell Division of Neurology at Bellevue Hospital. There, sponsored by the National Institutes of Health, U.S.P.H.S., Dr. Fletcher McDowell has succeeded Dr. Irving Wright in leadership of one of the three national centers for the study of strokes, our number two killer in the list of causes of death.

Dr. McDowell and Dr. Henn Kutt have made significant advances in the neuropharmacology of the anticonvulsant drugs used for the treatment of epilepsy.



Boy meets girl: big brother is introduced to baby sister at The New York Hospital.

Obstetrics and Gynecology

FRITZ FUCHS, M.D.

Obstetrician and Gynecologist-in-Chief

THE total number of patients discharged, including the newborn, was 12,979 during 1965, compared with 13,434 during 1964. Adult discharges were 8,373; 320 less than in the previous year. Of these, 5,623 were obstetrical and 2,750 were gynecological patients. There were 4,557 deliveries during the year, a decrease of 133, compared to 4,690 during 1964. This number equalled approximately 10 per cent of all live births recorded in Manhattan during that period.

Infant mortality amounted to 114 deaths among 4,601 infants, including multiple births, weighing 1.1 lbs. or more. Only 29 of the deaths were in infants that were of term size. If the infants under 2.2 lbs. are excluded, the mortality rate for all infants was 1.8 per cent. For infants of 5½ lbs. or more, the mortality rate was 0.7 per cent.

Prematurity continues to be a serious problem, with 70 per cent of the total perinatal deaths occurring in premature infants. During 1965 a project was initiated with an aim to reduce the incidence of prematurity. Previous endeavors, aimed at reenforcement of the uterine defense mechanism, have been unable to stop threatened premature labor. A different approach is to inhibit the activating forces which stimulate the uterus in labor. The main activating force is assumed to be oxytocin, one of the two neurohypophyseal hormones. It has been shown that intravenous alcohol blocks the release of these two hormones.

During the year a number of cases with threatened premature labor were treated with intravenous alcohol. The results have been very promising, especially in cases with intact membranes.

The study was started by Dr. Robert Hardy and continued by Drs. Abraham Risk and Vincente Poblete under the direction of Dr. Fuchs.

The activities of the Department continued at a steady pace during the year, with only minor changes. An important addition to the work was establishment of a laboratory for assay of ovarian and placental hormones. For this purpose, Dr. Carl G. Beling, who trained at the Karoline Institute in Stockholm, Sweden, and has devised a method for extraction of estrogen hormones from urine, joined the Department in August. Under his direction, the laboratory was established temporarily in three rooms in the Samuel J. Wood Building and by year's end was performing numerous hormone assays for patients.

In the chemical laboratory, Dr. Roy W. Bonsnes completed his evaluation of a hemagglutination inhibition test for pregnancy, and found that the test is satisfactory and reliable. Dr. Bonsnes has also continued his work with Dr. John T. Queenan on the diagnosis of erythroblastosis fetalis by examination of the amniotic fluid obtained by repeated amniocentesis in Rh immunized mothers. These tests have helped to establish the optimal time for intrauterine transfusion of erythroblastotic feti.

In January, Dr. Queenan went to Copenhagen to investigate together with Dr. Fuchs' former colleagues whether the fetus in mid-pregnancy could absorb erythrocytes from the intestinal canal. If this were the case, blood could be injected into the amniotic cavity instead of into the abdomen of the fetus. Unfortunately this proved not to be the case. The studies did show, however, that the fetus is al-

ready swallowing considerable amounts of amniotic fluid at the end of the first trimester of pregnancy.

Dr. Robert Landesman and his associates have studied the effect of various drugs on uterine motility in vitro in order to find substances that can inhibit uterine contractions. Some of the drugs are very promising, and soon will be submitted to clinical testing. Dr. Gideon Panter, who joined the Department as a Clinical Instructor after having completed his residency at the Sloane Hospital for Women, has also started studies on uterine physiology. He is mainly concerned with the electro-physiological properties of the myometrial cells.

The family planning clinic was very active during the year, and received increasing numbers of patients. The study of the intrauterine contraceptive device supported by The Population Council provided two important observations. The Birnberg bow, which was used initially, was found to have a greater tendency to perforate the uterus than the two other currently used devices, and for this reason the bow was discontinued and the Lippes loop substituted in February. A Danish instrument for location of foreign bodies, the Beolocator, proved very useful in the work with intrauterine devices. It obviates the need of "tails" and makes it easy to locate the device in the uterus as an office procedure. The family planning clinic has been directed by Dr. Myron Buchman, assisted by Dr. M. Nakamoto until July 1 and then by Dr. Panter. Dr. Frederick W. Martens has continued his investigation of the use of cryosurgical techniques especially with regard to sterilization.

Dr. Stewart L. Marcus and Dr. Cyril C. Marcus have completed a study of the deliveries of twins at The New York Hospital. The study analyzed 1,153 records going back to 1932, and explored, among other questions, the tradition that the second born is "in jeopardy" as well as the effect of delivery tech-

niques on survival. Dr. Stewart Marcus has also continued his work on basic problems in reproductive physiology with the aid of a grant from The Population Council.

Dr. Hortense Gandy has continued her studies of the androgen production of the ovary with the use of the double isotope derivative method.

Dr. R. Gordon Douglas has been appointed Emeritus Professor of Obstetrics and Gynecology. At a joint Obstetric-Pediatric Staff Meeting in May, he lectured on his new assignment with the Maternal and Child Welfare Program of New York City.

Dr. Ralph W. Gause has assumed the position of Director of Obstetrics and Gynecology at the Roosevelt Hospital, but remains in close touch with this Department. Dr. Nakamoto left the Department in July to assume the position of Director of Obstetrics at White Memorial Medical Center in Los Angeles. Dr. Robert Hardy and Dr. Daniel Adams completed their five-year resident training; Drs. Wilma Gladstone, Tibor Engel, Stephen Terry and Robert Livingston completed their three-year residencies. Dr. Livingston remained on the staff as an Assistant Attending Obstetrician and Clinical Instructor. Besides Drs. Beling and Panter, mentioned above, Dr. Irwin Merkatz, a former resident, joined the Department in July as a Macy Foundation Fellow to work with Dr. Beling in the hormone laboratory, and Dr. Vincent du Vigneaud, Jr., a Cornell graduate, joined the Attending Staff in November after completion of his residency at the Sloane Hospital for Women and the Roosevelt Hospital. Two members of the staff, Drs. Mann and Langstadt, were on leave of absence during the year because of illness.

Dr. Robert Landesman, Dr. George Schaefer and Dr. William J. Sweeney, III, were promoted to positions of Attending Obstetrician and Gynecologist. Dr. David B. Crawford, Jr., and Dr. Edward F. Stanton became Associate Attending Obstetricians and Gynecologists.

Pathology

A. WHITLEY BRANWOOD, M.D.
Acting Pathologist-in-Chief

THE past year has been one of increased activity in all branches of the Department of Pathology.

The Laboratory of Surgical Pathology has continued to provide a vital service in the clinical care of patients by performing microscopic examination of tissue as an aid to diagnosis to both physicians and surgeons. Throughout the year, 11,370 biopsies were performed compared with 11,301 in 1964. In the past ten years, the number of procedures in this laboratory increased by 35 per cent.

The Laboratory of Cytology, in which the "Pap" test, originated by Dr. George Papanicolaou, is performed for the early detection of cancer, examined 34,706 such specimens compared with 32,892 specimens the previous year.

Post mortem examinations were performed in 597 instances compared with 578 in 1964. The pathological findings were widely used in clinical pathological conferences and in teaching and training exercises in many departments, including Neurology and Pediatrics, throughout The New York Hospital-Cornell Medical Center.

In addition to cooperation with clinicians in the study and investigation of many disease problems, fundamental aspects of many diseases have been studied experimentally in the research laboratories of the Department.

The studies have made wide use of the latest modern techniques, including electron microscopy, electron histochemistry, immuno fluorescence, tissue culture, autoradiography and liquid scintillation counting.

Certain aspects of carcinogenesis have been studied by Dr. John G. Kidd. In the Labora-

tory of Neuropathology, Dr. Richard M. Torack and Dr. William W. Schlaepfer have used electron histochemistry to study various disorders of the central nervous system.

Diseases of the heart, arteries and kidneys have been the subject of much research in the Department.

Doctors George E. Murphy, Carl G. Becker and Andrew H. Littell have pursued their studies on the nature of rheumatic heart disease and glomerulonephritis.

Dr. Jack W. C. Hagstrom is continuing his investigations in congenital heart disease, with special reference to the genetic aspects of these abnormalities.

Dr. C. Richard Minick and Dr. A. Whitley Branwood are doing research on atherosclerosis.

Dr. Jean E. Todd is studying various hematological disorders by electron microscopy and Dr. Goetz W. Richter, also using this technique at the subcellular level, is investigating problems of iron metabolism and protein synthesis.

Dr. J. S. Magidson joined the staff on July 1, to work in the Laboratory of Surgical Pathology, and Dr. C. W. Watson joined the staff to work in the Laboratory of Cytology.

Dr. P. M. Burkholder resigned to take an appointment at Duke University.

Dr. R. P. Karroll resigned to take an appointment in the Department of Obstetrics at this Center.

Dr. L. H. Sobin was appointed Visiting Professor of Pathology at Kabul University, Afghanistan.

Dr. J. G. Kidd resigned as Pathologist-in-Chief and Dr. Branwood has been Acting Pathologist-in-Chief during the past year.

Pediatrics

W. W. McCrory, M.D.
Pediatrician-in-Chief

THE Department of Pediatrics is an active center of the Hospital, caring for 2,332 in-patients and treating 34,653 out-patients during the past year. Members of the Department collaborated with many other Departments and divisions to improve patient care and devise new approaches to the conquering of disease.

Two new clinics were established in 1965, the Rheumatoid Arthritis Clinic and a second Neurology Clinic. Both work closely with the Congenital Developmental Problems Clinic.

The Rheumatoid Arthritis Clinic is under the direction of Dr. Wan Ngo Lim and has the assistance of Dr. Robert Lee Patterson, Dr. Bernard Rogoff, and other members of the Hospital for Special Surgery.

The Pediatrics Neurology Clinic is directed by Dr. Hart DeC. Peterson, and meets at the same time as the Congenital Developmental Problems Clinic in order to facilitate the exchange of consultations. The latter has been expanded by an orthopedic section at the Hospital for Special Surgery, led by Dr. William Cooper, and an eye division conducted by Dr. Walter L. Peretz of the Department of Ophthalmology. Members of the Department of Medicine and the Department of Obstetrics and Gynecology have also taken part in the work of the Rheumatoid Arthritis Clinic, the Cardiac Rheumatic Clinic, and the Adolescent Clinic.

Success in improving methods of therapy depends on increased understanding of disease. An example is a clinical study of forms of the nephrotic syndrome resistant to usual modes of therapy, by Drs. W. W. McCrory, Abby J. Greenberg, Jean-Guy Mongeau and Modoka Shibuya. Imuran, an immunosup-

pressive agent, in combination with adrenal steroids, is giving most encouraging results in the amelioration or induction of remission of renal lesions in a number of children. The study may well shed light on basic mechanisms in this serious chronic renal disease.

The care of premature infants is likely to be improved as the result of a study by Dr. Peter A. M. Auld and associates. They have demonstrated that increased catabolism occurs in premature infants with respiratory distress and is due to caloric deficit as well as to stress. It can be reduced in sick infants by early administration of calories in the form of glucose. This should be of great aid to infants with this serious disability.

Quantitative studies of normal growth, and of growth retardation, by Dr. Myron Winick, include investigation of organ growth patterns in normal rats by determining DNA, RNA, protein and total organ weight. From 10 days before birth to weaning, most organs grow entirely by increasing the number of cells. Gradually a change occurs, beginning in brain and lung and ending in the muscles, in which the major constituent of growth is not increase in the number of cells, but increase in the size of cells already formed. After 65 days, all organs except lymphoid tissue grow primarily by increasing cell size.

In placenta the same pattern holds; cell division, as indicated by DNA synthesis, stops in the human placenta at the 36th week.

Studies of malnutrition in rats have established that the time of onset is critical. The earlier the malnutrition, the less likely is recovery of normal stature. Evidently, early malnutrition interferes with cell division; later,

only cell size is diminished and recovery is possible with refeeding.

Observations with human placentae reveal that in the "intrauterine growth failure" associated with abnormalities of the fetus, the placenta is normal; in growth failure due to maternal illness (e.g. toxemia), placental RNA content is markedly elevated. Dr. Winick is now examining placentae in erythroblastosis and in diabetic mothers.

Clinics of the Pediatrics

Out-Patient Department.

General Clinic	Hematology
Metabolic Clinic	Transfusion Clinic
Neurology	Follow-up Clinic
Cardiac-Congenital	Premature Clinic
Cardiac-Rheumatic	Adolescents
Rheumatic-Arthritis	Surgical Follow-up
Renal Clinic	Birth Defects
Pulmonary Clinic	Genetic Counselling
Well Baby Clinic	Gastro-Intestinal
Allergy Clinic	Emergency Isolation

Dr. Herman Grossman has undertaken a study, with the Departments of Urology and Radiology at the Hospital for Special Surgery, to evaluate the possible relationship between anomalies of the lumbosacral spine and genitourinary tract. He is also developing a new method for determining vascular flow rates and cardiac output. With Dr. Philip Lankowsky and other members of the pediatric hematology group, Dr. Grossman is developing a spectrophotometric method for the determination of plasma volume and the volume of amniotic fluid employing the radio-opaque dye, hypaque.

The hematology division, Drs. Philip Lankowsky, Marion E. Erlandson, Julius Golubow and associates, is engaged in a number of important projects. One of these is the standardization of erythropoietin assay. Present methods are unsatisfactory for research, yielding in-

consistent and inexplicable results. The aim is to develop, for the first time, a reliable method. This includes study of the optimum time in hypobaric chamber, time out of chamber, and the role of iron and folate deficiencies.

Dr. Katharine Cobb, Pediatric Psychologist, has completed two studies that concern the hand positions of normal newborns and the reliability of global impressions of their behavior. Two-thirds of the newborns studied showed preferential use of their right hands; prolonged tight fisting may indicate illness, emotional distress, or neurological defect. Newborns were reliably rated on such traits as attention span, alertness, social responsiveness and irritability. A new test of handedness for children of 18 to 36 months of age has been given to 144 children; this data reveals that consistent use of a preferred hand emerges earlier than was previously known.

Dr. Mary Allen Engle and her associates prepared a motion picture on "Cardiac Failure in Infancy," under the auspices of the American Heart Association. The picture, filmed at The New York Hospital with the aid of many members of the staff, will be widely distributed for instruction of physicians and medical students in the causes, and methods of diagnosis and treatment, of heart failure in infants.

International exchange has been particularly brisk. Members of the full time attending and house staffs and Fellows represent eight foreign countries, Canada, Ethiopia, Hong Kong, Israel, Iran, Republic of the Philippines, Union of South Africa and Zanzibar. The Department has had speakers from Chile, England, Finland, Sweden, Switzerland and Uganda, several under the auspices of the Foundation for International Child Health.

Members of the staff gave 27 or more addresses in Denmark, France, Japan, Israel, Switzerland, Union of South Africa, British Crown Colony of Hong Kong, six Latin American or Caribbean countries, and over 100 in the U. S. A.

Psychiatry

WILLIAM T. LHAMON, M.D.
Psychiatrist-in-Chief

DURING the year 1965 the Department of Psychiatry was reorganized and the Westchester Division became affiliated with The New York Hospital-Cornell Medical Center, sharing with the Payne Whitney Psychiatric Clinic the responsibilities for teaching, research and patient care. It is envisaged that the new affiliation will enrich the work of both institutions.

Dr. Francis J. Hamilton was appointed Medical Director of The New York Hospital-Cornell Medical Center Westchester Division, succeeding Dr. James Wall, who retired after 29 years of distinguished service. Dr. Wall remains on the staff as Consultant. Dr. Hamilton

was trained in neurology at the Neurological Institute and in psychiatry at the Payne Whitney Psychiatric Clinic, where he was on the staff for 17 years. He has a particular interest in psychiatric education as well as the provision of effective hospital service and service to the community.

Dr. Richard N. Kohl was appointed Medical Director of the Payne Whitney Psychiatric Clinic. After training at the University of Cincinnati Medical College and appointments at St. Vincent's Hospital in New York City, Dr. Kohl joined the staff of Payne Whitney in 1944, and since that time has been active in the affairs of the institution.

*Psychological testing precedes psychiatric treatment.
Here, patient arranges colored tiles.*



Payne Whitney Psychiatric Clinic

RICHARD N. KOHL, M.D.
Medical Director

IN 1965, 280 patients were hospitalized for treatment and 1,550 patients were seen in the out-patient clinics. The range and character of illnesses treated on the in-patient service did not change significantly from the previous year. A program has been developed for greater contact between the physicians and other patient-care personnel, so that treatment will be reenforced and unified. Because of the special needs of patients referred by agencies and from job sources, as well as the adolescent patients, for whom family contact is important, there has been more visiting-out in the community. A group of attending supervisors, including Drs. Elliott Weitzman, Helen Daniels, Peter Wilson, James Spencer, Jr., Harrison Eddy, and Edmund Bashkin gave wider supervision to the in-patient therapeutic work during the year.

The Out-Patient Department, under Dr. Edward Liang, increased its services substantially by providing a "Walk-in" emergency clinic, a service for management of patients on various therapeutic drugs, a service for chronically ill patients to be seen for follow-up observation, and by the active development of group therapy under the direction of Drs. Gerald Laufer and Bernard Fisher. Of the 1,550 out-patients who received sustained psychiatric treatment, 85 per cent were adults. There were 15,348 individual visits to the Out-Patient Clinic, representing a 19 per cent increase over last year. A total of 564 group therapy sessions were held.

On the metabolic service Drs. Frederic Flach and Farouk Faragalla continued to study the relationship of calcium to depressive

illness, and Dr. Peter Stokes the metabolic aspects of alcoholism and adrenal gland products in relation to psychiatry. Dr. Catherine Fales conducted studies on early experience in emotional behavior and activity in animals in the laboratory program of Dr. Marvin Stein who continued to study psychophysiologic and immunologic aspects of asthma and respiratory diseases. Other investigators in this program included Drs. Vernon Sharp, Marc Branchey, Herbert Glasberg, and Mr. Burton Austen. Dr. Thomas Luparello contributed to the respiratory research program, completed a stereotaxic atlas of the guinea pig hypothalamic region, and commenced study of factors in duodenal ulceration.

The Cornell Program in Social Psychiatry, with Drs. Alexander Leighton, Morton Beiser, Nicholas Freyberg, Jane Murphy, and William Smith, continued the study of psychiatric impairment in urban areas. Drs. William Lhamon, Gene Abroms, Zebulon Taintor, and Mr. Charles Friel conducted various studies of perception in normal subjects and patients with paranoid illnesses.

The Oskar Diethelm Historical Library, under Dr. Eric Carlson, provided research materials for studies in the history of psychiatry. Drs. Carlson, Diethelm, Jacques M. Quen, and others are studying the development of concepts and treatment methods.

Dr. Jason Aronson and Dr. Harrison Eddy were appointed Assistant Attending Psychiatrists, and Dr. Edmund Bashkin became Psychiatrist to Out-Patients. Drs. Catherine Fales, Lionel Friedman, Gerald Laufer, and Thomas Luparello were promoted to Assistant Attending Psychiatrists; Drs. Maurice Pachter, James Spencer, Jr., and Edward Vadeika were promoted to Psychiatrists to Out-Patients; Drs. James Brown and David Gardner were promoted to Assistant Psychiatrists to Out-Patients. Drs. William Wainwright, Stuart Ashman and Marilyn Scheuing resigned from the staff during the year.

Westchester Division

FRANCIS J. HAMILTON, M.D.
Medical Director

DURING the year 1965, 336 patients were admitted to the Westchester Division, 35 more than in 1964. The patients included 138 men and 198 women; 92 per cent of them came from New York City and environs. There was no significant change in the range of disorders from previous years. The treatment of young people continued to be of major importance; 218, or 65 per cent, of the patients were under age 50; 68, or 20 per cent, were under 21; 37 patients were under 18 years of age.

A new graduate training program was initiated and Dr. Barbara Betz was appointed to the full-time position of Co-ordinator of Psychiatric Education. Dr. Betz brings to the Hospital a long and productive experience in graduate psychiatric education and in the inter-relations between personalities of physicians and the outcome of psychiatric treatment.

Dr. Curtis Prout retired, and Dr. Donald Hamilton was appointed Associate Medical Director in charge of Clinical Services.

Nine senior psychiatrists have been added to the staff, working on a part-time basis as

supervisors and teachers for the eleven residents and working with Dr. Betz in the development of resident training. Included in this group of attending psychiatrists are Drs. Gerard Fountain, Daniel Hertz, Avraam Kazan, Lawrence Loeb, and Tom Stauffer. In addition, Drs. Arthur Anderson, Alfred Lewis, William Lhamon, and Vernon Sharp of the teaching group at the Payne Whitney Clinic made regular visits to the Hospital for teaching and clinical purposes. Dr. Francis Hamilton, Dr. Donald Hamilton, and Dr. Betz regularly visited the Payne Whitney Clinic.

After an extensive survey, followed by complying with certain minor recommendations, the Westchester Division was recommended for re-accreditation for the next three years by the Joint Commission of Hospitals on Accreditation.

Drs. Paul McHugh and Thomas Meikle, Jr., developed plans for the alteration of an unused portion of the carriage house on the hospital grounds into a laboratory for the study of primate behavior. Dr. McHugh is interested in the study of endocrine changes in learning situations and Dr. Meikle is studying visual learning. These laboratories can and should provide a center for investigative activity for which the Westchester Division is peculiarly suited.

The Out-Patient Department of the Westchester Division in White Plains, N. Y., shown below, had 6,035 patient visits in 1965.



Radiology

JOHN A. EVANS, M.D.
Radiologist-in-Chief

THE Radiology Department during the year 1965 provided a wider range, a greater number and a more varied type of radiologic service than ever before. A variety of new techniques was introduced in the diagnostic uses of X-rays and radioactive isotopes. In addition to its heavy clinical responsibilities, the Department carried on an active, vigorous program of teaching and research.

There were 125,417 X-ray examinations during 1965, a substantial increase over the year previous, and up 44.7 per cent since 1945.

In the past year, new specialized diagnostic X-ray equipment was installed in the urographic section on K-9. This new installation permits X-ray motion pictures to be taken of patients with difficult and complex anomalies of the urinary system. It is expected that it will contribute significantly to an improvement in the care of patients, especially children, with these problems.

Improvements were also made to existing radiologic equipment used for cardio-vascular and neuroradiologic studies. The additions further upgraded these highly sophisticated diagnostic facilities. Additional automatic X-ray film processors were installed within sections of the Department permitting more rapid and efficient handling of radiographic examination.

The Radioisotope Laboratory gained additional personnel and new equipment. The field of nuclear medicine is exploding with a multiplicity of new diagnostic tests, new scanning and recording equipment and a rapidly expanding scope of clinical investigation.

Radiation protection and radiation monitoring is an important and continuous function

of the Department of Radiology. This is one of the responsibilities in the section of Radiologic Physics. Over 300 film badges per month are used to monitor radiation users. There are about 40 laboratories in The New York Hospital-Cornell Medical Center licensed to use radioactive isotopes. Each has to be visited and surveyed. Other isotope problems include monitoring of contaminated bed clothes, and radiation readings in recovery or hospital rooms in the vicinity of patients who have had therapeutic amounts of isotopes or radium. Monitoring takes place in the operating theaters during radium needle insertion or surgical use of other radioisotopes. Many other functions relating to care and protection of patients and hospital workers dealing with X-rays or isotopes occupy the staff of the physics section.

Dr. John A. Evans was elected Vice-President of the American Board of Radiology and re-elected a trustee of the American Board of Radiology for a second six-year term.

Dr. Guido Currarino, Associate Attending Radiologist, resigned to become Director of the Department of Radiology at the new Children's Medical Center, Dallas, Texas. Dr. Walter Byck resigned to enter group practice in California.

Dr. Mordecai Halpern accepted a position as Associate Professor of Radiology, University of Southern California, Los Angeles.

Two appointments were made. Dr. Herman Grossman succeeded Dr. Currarino as Pediatric Radiologist, with the appointment of Assistant Attending Radiologist. Dr. Ina Altman was also appointed an Assistant Attending Radiologist.

Surgery

FRANK GLENN, M.D.
Surgeon-in-Chief

THE facilities of the Department during 1965 were taxed to capacity. The increased activity in research, patient care, intracardiac surgery, organ transplantation and substitute mechanical hearts, conservation of eyesight, correction of birth defects and chemotherapy for infection in cancer, head the list of the Department's activities. In addition, there were numerous other projects in the various divisions of general surgery as well as each of the surgical specialties.

Dr. Edward Goldsmith and Dr. John Whitsell, are extending their work in organ transplantation. The control of the immune response in its early phase has been improved by draining off large amounts of lymph.

Dr. S. Frank Redo and Dr. Hans Kivelitz, a Lewis Cass Ledyard Fellow, constructed a mechanical heart substitute that has proven successful in animals. The restoration of heart activity and the maintenance of efficient cardiac function with pacemakers has been successfully applied by Dr. George Holswade. Prosthetic valves for the aortic and mitral, together with correction of congenital anomalies and the removal of benign tumors, have been successfully accomplished by Dr. Holswade and Dr. Redo, who, together, are the responsible members of the Department for heart surgery in both the very young and the adult. Cardiac surgery, as well as surgery upon the respiratory tract, has been increased as a result of opening a thoracic service a year ago. Its successful operation throughout the past year has enabled us to care for a larger number of patients in a more efficient manner.

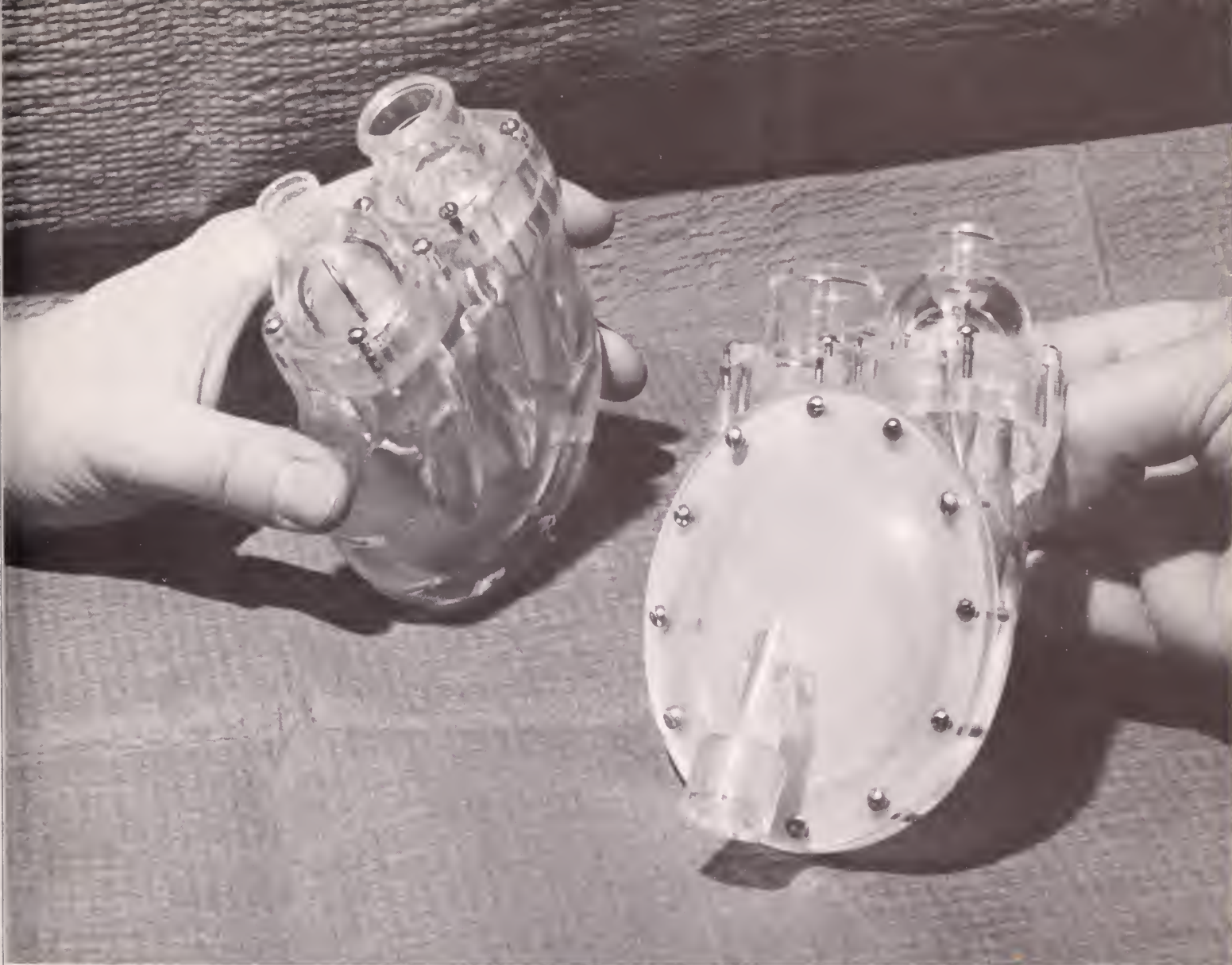
Dr. George N. Cornell, Dr. William R. Grafe and Dr. Helena Gilder have continued

and extended their studies in adjuvant chemotherapy in the treatment of breast cancer, as a part of the program sponsored by the National Cancer Institute. One of the new drugs to be used in the treatment of melanoma, a very malignant type of tumor, was Phenylalanine mustard. The indirect approaches to the control of cancer have included the work of Dr. Bronson S. Ray with hypophysectomy, and adrenalectomy by Dr. Henry Mannix. These have been employed with and without the concomitant use of X-ray and ablation of the ovarian and testicular tissue.

Studies directed at the evaluation of the respiratory system before operation and the control of pulmonary complications after surgery have been vigorously pursued by Dr. Arthur J. Okinaka. He has developed an effective means of increasing the efficiency of artificial respiration with the aid of a volume-regulated respirator. He has also been engaged in demonstrating changes in the pulmonary circulation with tracer-labelled macroaggregated albumin in conjunction with the Radiotope Laboratory. This is a part of the program in the attack upon pulmonary embolism.

A potent antiulcerogenic compound, dextran sulphate, has been carefully studied and tested by Dr. S. Frank Redo and Dr. William A. Barnes. Peptic ulcer, a common affliction in our population, merits this new type of approach.

Another increasing clinical problem is that of liver trauma associated with highway accidents. Dr. Frank Glenn, Dr. Grafe and Dr. Zuheir Mnjahed have conducted experiments demonstrating the advantages of decompression of the biliary tract in liver trauma. Bili-



A cardiac substitute being developed by surgeons of The New York Hospital. Shown are the left ventricular and the right ventricular substitutes.

ary tract disease, which has long been of interest to the Department of Surgery, has been the subject of a number of investigative problems during the year. These have to do with the effect of vagotomy upon the function of the gallbladder, the visualization of the changes that take place within the liver in various diseases, and the localization of tumors closely related to the biliary tract. These studies have been carried on within the department by Dr. John Evans and Dr. George Stass of the Department of Radiology.

Prevention of infection, an ever present hazard in surgery, continues to be one of the chief interests of Dr. Peter Dineen. In conjunction

with Drs. Cornell, Gilder and Grafe he has developed new methods of skin preparation prior to surgery in an effort to reduce this hazard. This same group has also been active in investigating factors influencing body tissue loss following operation. Studies on energy metabolism in fasting patients have been inaugurated in an effort to reduce weight in obese patients.

Dr. Charles McSherry has extended his investigations in the use of hyperbaricity. The utilization of a hyperbaric chamber, 9½ feet in length and 28 inches in diameter, has enabled him to study more closely the clinical problems involved in this type of therapy.

Report of the Director

HENRY N. PRATT, M.D.

THE three divisions of The Society of the New York Hospital admitted and cared for 34,551 patients during the year 1965. The days of patient care were 433,688, exclusive of the newborn; including the newborn, patient care days numbered 456,932. There were 47,009 patients treated in the Out-Patient Department, and 236,837 patient visits. The Emergency Pavilion treated 31,710. In sum, this institution extended medical care to a total of 113,270 men, women and children during the year.

The most dramatic change in the patterns of medical care of recent decades was heralded with the passage of the Social Security Amendments of 1965. These laws provide pre-paid hospitalization on a private basis to citi-

zens over 65, low-cost insurance for doctors' care and other services, and with the implementation of State laws extensive aid to dependent children and their indigent relatives. To prepare to meet this new situation constructively, a Medical Center Committee on Medicare was established under the writer's chairmanship and met almost weekly throughout the latter months of the year.

Of the Hospital's normal pavilion census, exclusive of pediatrics and obstetrics, 20 per cent of the patients, accounting for 30 per cent of the patient days, are over 65 years of age and would be entitled to private care under the new laws. An additional 30 per cent would probably be similarly covered under pending New York State statutes relating to dependent children. Thus, over 50 per cent of the Pavilion patients will in the future be able to afford private and semi-private services. The same ratio can be extended to apply to patients of the Out-Patient Department. If the teaching program of the Hospital is to survive, it becomes mandatory that the pavilion service and the out-patient clinics be made sufficiently attractive to compete with private services. A number of projects in line with this objective are now under way.

Against this background, it becomes especially significant that, contrary to trends in other institutions, the Hospital's Out-Patient Department is growing. During 1965 there was a 10 per cent increase in the number of new patients coming to the Department. The superior facilities of the Dr. Connic Guion Building, opened in 1963, are now paying dividends in this new situation. However, a successful ambulatory service requires more than a good

The increase in test procedures reflects the new advances in medical knowledge.



physical plant; it must be reinforced by medical care of high quality and service that is gracious, expeditious and considerate of the convenience of the patient. New improvements are constantly being made in order to attain these high standards. A notable example was the establishment of a new General Clinic, combining both medicine and surgery into one stream-lined service. Many other innovations, designed to provide more unified patient care, are reported elsewhere.

Out-patients are being treated not only for their immediate problems but are also benefiting from an extensive program of preventive medicine through emphasis on early diagnosis of coexisting disease. Pediatric out-patients are inoculated against six diseases and have frequent follow-up examinations until reaching school age. Preventive medicine is also at the service of Hospital employees, through the Personnel Health Clinic. Greater use has been made of the Mantoux Test in the early diagnosis of tuberculosis.

Continuous renovating and rebuilding of the Hospital's physical plant is necessitated by obsolescence and by the need to make provision for new modes of treatment. One such major effort has been the installation of a piped oxygen system, providing outlets at the site of use. During 1965, the number of outlets reached 297. In addition, a Bulk Liquid Oxygen Storage Unit and Converter was installed on the Hospital grounds. The new equipment requires less storage space and is superior to high-pressure tanks both in safety and economy.

In the Hospital kitchens, new ranges, friers and ovens were installed at a cost of \$75,000. Work was begun on construction of a new Central Sterile Supply Room, at an estimated cost of \$86,000. Among the benefits will be relief of the nursing service for certain sterilization duties, standardization of procedures and economy in handling.

Another undertaking is the consolidation of the Clinical Pathology laboratories into one



There was a 10 per cent increase in new patients in the Out-Patient Department in 1965.

expanded area, with an expected budget allocation of \$50,000. This is one phase of a long-range plan for improving the facilities of the many service laboratories.

Employing about 300 people, and using equipment valued in the hundreds of thousands of dollars, these laboratories in themselves comprise an impressive scientific institution. The great expansion in their work in recent years has bearing both on the quality and the cost of patient care.

The variety and number of tests performed rises every year; the increase is striking compared with a decade ago. Some examples are: X-rays, up 44.7 per cent; electrocardiograms, up 55.1 per cent; clinical pathology tests, up 60.8 per cent; clinical chemistry, up 148.6 per cent; microbiology, up 218 per cent. Laboratories not in existence a decade ago, such as radioisotopes, are working at redoubled tempo.

The number of employees as of December 31, 1965 was 3,865. The turnover rate was slightly higher than the previous year, due, no doubt, to continuing reduction in unemployment and increasing availability of job opportunities. During the massive power failure on November 9, the employees' cooperation and devotion to duty were exemplary. Plans made

years before to meet such a power failure provided stand-by generators supplying 80 per cent of the Hospital's power requirements. There was no interruption in the care of patients.

Financial operations for each division of The Society for 1965 as compared with 1964 were:

	<u>1965</u>	<u>1964</u>
The New York		
Hospital	\$—389,298	\$—265,954
Payne Whitney		
Psychiatric Clinic	— 34,478	—121,816
Westchester Division	45,425	195,822
Total for The Society	\$—378,351	\$—191,948

During 1965, provision for depreciation of building and equipment was increased to \$1,168,914 as compared with \$1,096,905 in 1964. The increase of \$72,009 was due to an upward revision of depreciation rates for some

of the equipment at the Main Hospital. Results for 1965 and 1964, excluding all depreciation as an element of expense, were respectively \$790,563 and \$904,957.

Capital expenditures, other than those for which gifts or funds were specifically designated, came to \$978,848. These expenditures must be made if we are to meet our responsibilities for modern health care and keep pace with medical progress.

The members of the Volunteer Department continued their enthusiastic activities, 407 donating 60,515 hours of work during the year. More than two-thirds of the hours worked were at the request of medical and nursing departments. Many important services, such as the patient library, pediatrics recreation and visitors information, depend upon the generosity of these well-trained, hard-working men and women.

Report of the Nursing Service

MURIEL R. CARBERY
Director

THE complexity of nursing today demands that the professional nurse devote more of her time to actual patient care and delegating those aspects of care which can be carried out by auxiliary personnel.

Although many disciplines are involved in a patient's hospitalization, the nurse is in the key position to request the help of others as needed, to coordinate their services, to set a climate which will help the patient to get well, and to know the patient and his family well enough to support their attempts at coping with the situation. But she can do this only if she has enough knowledge to detect the impact of illness on physical and emotional states, and is

able to communicate her observation to the physician, the social worker, and all other members of the health team. This is a professional role which is quite different in nature from the role she played in the past. It implies that the nurse needs to be a specialist in the clinical area in which she functions.

Our experience with patient care and the teaching of nurses has led directly to nursing specialization in connection with specific types of patient care. In addition to post-operative recovery units, the premature infant nursery and cardiac nursing teams, we now have dialysis teams, pump oxygenator teams and the coronary care unit. The proliferation of situ-

ations requiring that the nurse practitioner have expert technical competence and advanced clinical knowledge in order to provide optimum care has forced us to mount expensive training programs.

The experience in training nurses to work in the Coronary Care Unit has shown that nurses of diverse backgrounds respond enthusiastically and learn well in a properly structured training program. Such subjects as arrhythmias and the proper management of resuscitation can be taught successfully.

During 1965, plans were drawn up for a full-scale training program along these lines, one preparing a graduate nurse to care for cardiac patients in situations where she must assume responsibility and make decisions with a minimum of nursing and medical supervision. In June, application was made for outside funds to implement the program.

The turnover of professional nurses rose again this year to 36.4 per cent. Appointments totaled 359; resignations were 324; the budget allocation was 715. Actions taken during the year in an effort to stabilize the nursing staff include greater emphasis on helping the individual in her adjustment to professional and personal problems.

Scholarship aid has encouraged graduate nurses to seek further academic preparation. This program, funded by the Hospital, provided assistance to 89 nurses in 1965, 85 for a part-time school program, 4 with scholarships for full-time study. With this assistance one nurse completed programs leading to a Master's degree in nursing education.

Thirty-three members of the 1965 graduating class of Cornell University-New York Hospital School of Nursing joined the Hospital staff.

With its eighteenth annual gift, amounting this year to \$10,000, the Committee for Scholarships passed a large milestone. Cumulative gifts reached the total of \$105,300. It is from this source that the major number of nursing



Nursing students learn to minister to the well-being of the patient.

scholarships and grants are made each year. To date 319 nursing students have benefited.

Each year about a fourth of the students seek assistance, an equal number receive grants from the school before admission. A number of students hold scholarships from New York State or from other sources not under school administration.

Except in the first term, assistance is in the form of a combination of grant, loan and work opportunity. The most popular form of earning activity among the students is on the floors of The New York Hospital. During the past two years increasing numbers of those who have completed the second year of the program have taken the examination offered by the Department of Education of New York State and become Licensed Practical Nurses. These stu-

dents not only earn more but also perform a more useful and interesting role in the Hospital. Forty-six students, thus licensed, were employed in the Hospital for the summer months.

The American Nurses' Foundation continued its support for a fourth and final year of the study entitled "A Program to Develop and Identify a Research Attitude and Creative Imagination in Nursing Students." This study, conducted by Mrs. Frances Cooke Macgregor, Professor of Social Science, has as its main objectives exploring the ways and means of identifying nursing students who have the potential for a research attitude and creative imagination, methods of developing this potential and the feasibility of incorporating a research seminar in the curriculum.

A Mental Health grant supports the full-time appointment of the Mental Health-Psychiatric Nursing faculty member, Miss Eleanor Frany, Assistant Professor of Nursing, who is responsible for the course, "Human Development and Behavior," presented in the first term

of the first year. The objective is to introduce the learner to the development and behavior of the human being throughout his life's span, and to give a basic background of personality structure, physiological development and major growth tasks. This enables the student to gear her nursing skills to the needs of the individual patient.

Faculty and nursing service staff continue to call on Miss Frany as a consultant.

Miss Julia M. Dennehy, Nursing Department Head of Obstetrics and Gynecology, was appointed an Assistant Director of Nursing Service on September 13, 1965; Miss Anne T. Lally succeeded Miss Dennehy to the Department Head position.

Miss Edna E. Tuffley was appointed to the position of Assistant to the Director for In-Service Education on July 1, 1965.

Miss Isabel Cameron, formerly Evening Supervisor, Pediatric Nursing, was appointed Administrative Assistant (evening-night) in the Central Nursing Office on May 10, 1965.

The Women's Auxiliary contributes to the Social Service Department, which aids patients with problems affecting their recuperation.



Report of the Women's Auxiliary

MRS. WILLIAM M. DURYEA
Chairman

THE Women's Auxiliary of The Society of the New York Hospital continued through 1965 its activities in support of the Hospital. The drive for the United Hospital Fund, under the leadership of Mrs. Horace Baldwin, resulted in \$122,425 at the close of the year, with a direct benefit to The New York Hospital of \$57,315. Sales in the Gift Shop grossed \$184,666.32, as compared with \$156,500 in 1964, and net profits were \$15,291.92. Mrs. Malcolm Smith is chairman of the Gift Shop committee.

Mrs. Harold Shattuck, Thrift Shop chairman, supervised the transfer of the shop to a new location at 1562 Third Avenue.

Mrs. W. Allston Flagg and Mrs. Laurette Robinson, co-chairmen for Payne Whitney Psychiatric Clinic, worked closely with Dr. Richard Kohl, Medical Director, on the installation of a kitchen for the use of patients in occupational therapy. The Auxiliary contributed \$3,000 toward the total cost of \$5,000. Through the cooperation of Mrs. Shattuck, the services of a prominent designer were secured, and other contributions were received for fixtures and equipment. The Auxiliary also donated \$350 for kitchen utensils.

Mrs. Philip Hopp, chairman of the Occupational Therapy Committee, arranged for the donation of \$150 to purchase materials to be supplied for the use of patients. The Pediatrics Committee, with Mrs. Thomas Bancroft, Jr., as chairman and Mrs. Center Hitchcock as vice-chairman, continued its support of that department; \$300 was contributed to the annual Christmas party for the children.

Recreational activities for nurses during the year included a day at Jones Beach, a boat

cruise, and attendance at the Shakespeare Festival at Stratford and the Royal Ballet. Mrs. Van Vechten Burger is chairman of the Nursing Committee.

The Patients' Library circulated a total of 21,861 books during 1965, and through donations and purchases had acquired an inventory of 3,843 books at the close of the year. The sale of surplus or duplicate books brought in \$910.25.

The members of the Volunteer Department were most helpful in supplying assistance as needed, particularly in the Gift Shop and in the Patients' Library. Eighteen volunteers gave a total of 1,513 hours to the Library during the year.

Closer liaison with the Hospital has been provided by the appointment of the Public Relations Director to act as liaison between the Hospital and the Auxiliary. The needs of the Hospital and events of interest to the Auxiliary will be reported to the Auxiliary as they arise.

The New York Hospital League, under the chairmanship of Mrs. Warren W. Koontz, Jr., achieved a membership of 200 during the past year. Its annual fashion show raised funds for its programs which include many activities for children as well as classes for adults. The Welcoming Tea, held on October 7, had a record turnout.

The following new members have been welcomed to the Women's Auxiliary Board: Mrs. Center Hitchcock, Mrs. John L. Baringer, Mrs. Henry Tiffany, Mrs. John Winthrop and Mrs. Nicholas Potter. The concerted efforts of the chairmen and vice-chairmen resulted in a busy and gratifying year and their hard work and support are greatly appreciated.

Standing Committees of The Board of Governors/1966

Officers: See page 2

Executive Committee	Frederick K. Trask, Jr. <i>Chairman</i> Walter G. Dunnington, Jr. Ernest F. Gamache Kenneth H. Hannan	Mrs. Nathaniel P. Hill Louis M. Loeb Jean Mauzé George S. Moore	Stanley de J. Osborne Ogden Phipps Henry N. Pratt, M.D. Mrs. John T. Pratt, Jr.
Westchester Division Committee	Edward W. Bourne <i>Chairman</i> R. Palmer Baker, Jr.	Ernest F. Gamache Walter A. Kernan	Henry N. Pratt, M.D. Albert Carey Wall
Membership Committee	Walter G. Dunnington, Jr. <i>Chairman</i> Ernest F. Gamache Mrs. Nathaniel P. Hill	Mrs. Maynard C. Ivison Francis Kernan Devereux Milburn	A. G. Paine Willard S. Simpkins John L. Weinberg
Finance Committee	Jean Mauzé <i>Chairman</i> Benjamin S. Clark	Vincent de Roulet Ernest F. Gamache John L. Loeb	Samuel C. Park, Jr. Henry N. Pratt, M.D. Frederick K. Trask, Jr.
Payne Whitney Psychiatric Committee	Edward W. Bourne <i>Chairman</i> George F. Baker, Jr.	R. Palmer Baker, Jr. Ernest F. Gamache Walter A. Kernan	Jean Mauzé Henry N. Pratt, M.D.
Nominations Committee	Kenneth H. Hannan <i>Chairman</i> Richard Croft	Barklie McKee Henry Francis Kernan Devereux Milburn	Frederick K. Trask, Jr. John Hay Whitney
Law Committee	Louis M. Loeb <i>Chairman</i>	Edward W. Bourne	Walter G. Dunnington, Jr.
Real Estate Committee	Robert W. Purcell <i>Chairman</i>	R. Palmer Baker, Jr. Walter A. Kernan	Ogden Phipps
Audit Committee	John L. Weinberg <i>Chairman</i> George F. Baker, Jr.	William A. M. Burden George S. Moore	Stanley de J. Osborne Samuel C. Park, Jr.
Budget Committee	Stanley de J. Osborne <i>Chairman</i>	Kenneth H. Hannan	Jean Mauzé
Hospital Art Committee	Willard S. Simpkins <i>Chairman</i> William Bailey	Mrs. Tracy Barnes Ernest F. Gamache Mrs. C. A. Herter, Jr.	Henry N. Pratt, M.D. John Walker Mrs. George Henry Warren
Retirement Board	Louis M. Loeb <i>Chairman</i>	Ernest F. Gamache Samuel C. Park, Jr.	Henry N. Pratt, M.D. Albert Carey Wall

Officers of the Women's Auxiliary of The New York Hospital

Mrs. Van Vechten Burger
Chairman

Mrs. Warren R. Hedden
Vice-Chairman

Mrs. Thor Thors, Jr.
Vice-Chairman

Mrs. William M. Duryea
Secretary

Mrs. Nathaniel P. Hill
Treasurer

Officers of the Ladies' Auxiliary to the Lying-In Hospital

Mrs. David N. Barrows
President

Mrs. J. Culbert Palmer
Vice-President

Mrs. Paul Pryibil
Treasurer

Mrs. Graham G. Hawks
Assistant Treasurer

Mrs. Randolph Gepfert
Corresponding Secretary

Mrs. Elmer Kramer
Recording Secretary

Administrative Officers / 1966

Director
Henry N. Pratt, M.D.

Comptroller
John H. Keig, C.P.A.

Associate Director
August H. Groeschel, M.D.

Associate Director
William H. Scott

*Director, Nursing Service ;
Dean, School of Nursing*
Muriel Carbery, M.S., R.N.

Associate Dean, School of Nursing
Mrs. Ruth L. Kelly, Ed. D., R.N.

Director, Personnel
H. Henry Bertram

Assistant Comptroller
George J. McBride

*Executive Assistant,
Purchase and Supplies*
William Walton, B.A.

Administrative Assistant
John F. Doyle

Administrative Assistant
Edmund Kadysiewski

*Assistant to the Director,
Payne Whitney Psychiatric Clinic*
Ronald Hamann

Cashier
Joseph W. Casper

Director, Public Relations
Mrs. Kay Bailly

Chief Pharmacist
Norman N. Baker, B.S.

Director, Admitting Offices
Mrs. Evelyn Belton

Director, Information Department
Helen J. Campbell

Director, Personnel Health Service
William N. Christenson, M.D.

Purchasing Agent
Lloyd G. Darling

Director, Medical Information
Jennie DePrima

Chief, Engineering Department
David Ferguson

Director, Social Service
Marjorie A. Jonas, M.S.

Director, Linen and Laundry
John F. Kenney

Record Librarian
Helen B. Lincoln, B.A., C.R.L.

Director, Security Department
Vincent E. Loughlin

Manager, Accounts
John J. Moore

Director, Building Service
James J. O'Connell

General Storekeeper
Henry E. Schlereth

Director, Nutrition Department
Louise Stephenson, M.S.

Director, Volunteers
Mrs. Margaretta Treherne-Thomas

*Chief of Service,
Vincent Astor Diagnostic Service*
Robert F. Watson, M.D.

Director, Central Sterile Supply
Katherine Zorn, R.N.

Financial Statements

1. Auditor's Opinion
2. Balance Sheet
3. Statement of Income
4. Changes in Capital
5. Notes to Financial Statements

1. Auditor's Opinion

ARTHUR ANDERSEN & CO.

TO THE BOARD OF GOVERNORS,
THE SOCIETY OF THE NEW YORK HOSPITAL:

We have examined the balance sheet of The Society of the New York Hospital (a charitable corporation organized in New York in 1771) as of December 31, 1965, and the related statements of income and changes in capital for the year then ended. Our examination was made in accordance with generally accepted auditing standards, and accordingly included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

In our opinion, the accompanying balance sheet and statements of income and changes in capital present fairly the assets, liabilities and capital of The Society of the New York Hospital as of December 31, 1965, and the results of its operations for the year then ended, in conformity with generally accepted accounting principles applied on a basis consistent with that of the preceding year.

ARTHUR ANDERSEN & CO.
80 Pine Street
New York, N. Y.

New York, N. Y.
March 30, 1966

2. Balance Sheet

December 31, 1965

ASSETS

CASH:

General fund	\$ 241,561	
Restricted funds	5,295,886	\$ 5,537,447

ACCOUNTS RECEIVABLE:

Patients, less reserve of \$1,628,775	\$ 6,489,552	
Other receivables	701,256	7,190,808

INVENTORIES (at average cost), PREPAID EXPENSES AND DEFERRED CHARGES		1,380,370
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INVESTMENTS (Restricted funds):

Cash in savings accounts	\$ 1,687,781	
Marketable securities (quoted market prices \$39,854,810), at cost	28,163,186	
Nonmarketable securities, at stated contributed value	5,100,366	
Mortgages and construction loan	4,356,199	39,307,532

PLANT AND PROPERTY (Note 1):

Land, buildings and equipment	\$55,771,172	
Less—Accumulated depreciation	22,045,474	33,725,698
		<u>\$87,141,855</u>

LIABILITIES AND CAPITAL

LIABILITIES:

Accounts payable		\$ 1,191,534
Accrued liabilities		634,484
Temporary funds for special purposes		722,063
Retainage on construction contracts (Note 1)		230,936
Mortgage and loans (Note 2)—		
5½% mortgage	\$1,785,918	
4% note	1,000,000	
5% construction loan	2,450,000	5,235,918
		<u>\$ 8,014,935</u>

CAPITAL (Including restricted and plant funds of \$72,862,262) (Notes 4, 5 and 6)	79,126,920
	<u>\$87,141,855</u>

The accompanying notes to financial statements are an integral part of this balance sheet.

3. Statement of Income

For the Years Ended December 31, 1965 and 1964

	1965	1964
OPERATING INCOME:		
Care of patients	\$27,242,004	\$25,200,056
Retroactive adjustments received from Associated Hospital Service of New York and New Jersey (Note 4)	245,820	746,846
Other	1,818,714	1,618,794
Total	<u>\$29,306,538</u>	<u>\$27,565,696</u>
OPERATING, RESEARCH AND EDUCATION EXPENSES:		
Nursing	\$11,483,093	\$10,684,964
Other professional services	6,139,693	5,520,456
Household and property operation	5,158,423	4,810,840
Administrative and general	4,047,432	3,931,620
Nutrition	3,146,184	2,968,343
Provision for depreciation	1,168,914	1,096,905
Hospital's portion of research and education shared with Cornell University Medical College	649,082	589,675
Provision for employees' retirement plan	307,183	357,680
Total	<u>\$32,100,004</u>	<u>\$29,960,483</u>
Operating loss	\$ 2,793,466	\$ 2,394,787
INCOME FROM INVESTMENTS AND CHARITABLE TRUSTS		
	<u>1,320,709</u>	<u>1,213,428</u>
Deficit for the year before current contributions	<u>\$ 1,472,757</u>	<u>\$ 1,181,359</u>
CURRENT CONTRIBUTIONS:		
Amounts designated for special purposes and for psychiatric divisions	\$ 827,589	\$ 729,096
Distributions from the United Hospital Fund and The Greater New York Fund	242,992	249,881
Appropriation from the Fund for Medical Progress (Note 5)	782,531	600,000
	<u>\$ 1,853,112</u>	<u>\$ 1,578,977</u>
Less—Amounts designated for special purposes	758,706	589,566
Net current contributions	<u>\$ 1,094,406</u>	<u>\$ 989,411</u>
Balance of deficit for the year charged to capital (Note 4)	<u>\$ 378,351</u>	<u>\$ 191,948</u>

The accompanying notes to financial statements are an integral part of this statement.

4. Changes in Capital

For the Year Ended December 31, 1965

BALANCE, December 31, 1964				\$75,805,109
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ADD:

Amounts designated for, or allocated to, the Fund for Medical Progress (Note 5) (including net gain on sales of securities of \$269,263 and income on invested funds of \$489,871).

\$3,888,544

Less—

Appropriation to General Fund	\$782,531		
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Payment to Cornell University Medical College of allocable joint gifts received by the Society	547,157	1,329,688	\$ 2,558,856
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Restricted legacies and capital gifts			393,935
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Gain on sales of securities (net)			832,781
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Miscellaneous			5,590
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\$79,596,271

DEDUCT:

Deficit for the year	\$378,351		
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Transfer to temporary funds for special purposes	91,000	469,351	
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BALANCE, December 31, 1965 (Notes 4, 5, and 6)			\$79,126,920
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The accompanying notes to financial statements are an integral part of this statement.

5. Notes to Financial Statements

December 31, 1965

- (1) The balances in the plant and property accounts of the Society at December 31, 1965, are set forth below (Payne Whitney Psychiatric Division plant and property represents a Restricted Plant Fund):

	Gross Amount	Accumulated Depreciation	Net Amount
BUILDINGS:			
New York Division, at cost (Note 2) (*)	\$20,066,596	\$ 5,999,339	\$14,067,257
Payne Whitney Psychiatric Division, at cost	1,789,979	764,898	1,025,081
Westchester Division, at values as appraised by the Society at December 31, 1949, plus subsequent additions at cost	5,579,778	3,734,380	1,845,398
	<u>\$27,436,353</u>	<u>\$10,498,617</u>	<u>\$16,937,736</u>
BUILDING FIXTURES AND EQUIPMENT, AT COST:			
New York Division (Note 2)	\$19,395,861	\$ 9,471,208	\$ 9,924,653
Payne Whitney Psychiatric Division	1,038,571	860,877	177,694
Westchester Division	2,868,352	1,214,772	1,653,580
	<u>\$23,302,784</u>	<u>\$11,546,857</u>	<u>\$11,755,927</u>
LAND, AT ASSESSED VALUES AT DECEMBER 31, 1943, PLUS SUBSEQUENT ADDITIONS AT COST:			
New York Division (Note 2) (*)	\$ 3,811,506	\$ —	\$ 3,811,506
Payne Whitney Psychiatric Division	190,350	—	190,350
Westchester Division	1,030,178	—	1,030,178
	<u>\$ 5,032,034</u>	<u>\$ —</u>	<u>\$ 5,032,034</u>
Medical school buildings, at nominal value	\$ 1	\$ —	\$ 1
	<u>\$55,771,172</u>	<u>\$22,045,474</u>	<u>\$33,725,698</u>

- (*) The land and building costs of the Laurence G. Payson House, an apartment building for staff and other employees, now under construction, are included above in amounts of \$1,659,901 and \$2,896,213, respectively. The estimated additional cost to complete the Laurence G. Payson House is approximately \$8,500,000, which amount will be financed by additional borrowings.
- (2) The 5½% mortgage of \$1,785,918 is secured by the land, building and building fixtures of the house staff residence which are included in the New York Division amounts in Note 1 at a total of \$1,993,118, net of accumulated depreciation. The mortgage is payable in quarterly installments to November 1, 1991. The 4% note is payable in monthly installments over 20 years beginning one year and one month after date of completion of Laurence G. Payson House, now under construction (see Note 1). Completion is expected in 1966. The 5% construction loan is subordinate to the 4% note. Payments commence after retirement of the 4% note referred to in the preceding paragraph.
- (3) The actuarially determined pension fund requirements, including past service costs, at December 31, 1965 under the New York Hospital Employees' Retirement Plan are \$578,000 in excess of the net assets of the Employees' Retirement Plan Trust (on the basis of quoted market prices for securities held by the Trust). A similar determination regarding the joint budget pension fund concluded that requirements were \$721,000 in excess of the net assets of that fund. The estimated annual current cost of these plans to the Society is \$395,000. The net assets of such trusts are not included in the accompanying financial statements.
- (4) The Society received retroactive adjustments from Associated Hospital Service of New York and New Jersey totaling \$245,820 in 1965 and \$746,846 in 1964 covering insured patients admitted during the calendar years 1964 and 1963, respectively. Approximately \$140,000 in retroactive adjustments are expected in 1966 for patients admitted in 1965, which amount has not been reflected in the accompanying financial statements.
- (5) The Fund for Medical Progress is a joint fund raising campaign with Cornell University Medical College for capital and endowment needs of the New York Hospital-Cornell Medical Center. From inception of the campaign in 1961 through December 31, 1964, the Board of Governors authorized that unrestricted contributions, legacies, and memberships received by the Society be added to the Fund for Medical Progress, and the Board appropriated specified amounts each year (\$600,000 in 1964) to compensate the General Fund for current gifts it might have received if the campaign were not in progress. During 1965, the Board of Governors appropriated \$357,428 (1965 membership dues and gifts from new donors) and \$425,103 of the income earned in 1965 on invested funds from the Fund for Medical Progress. After aggregate appropriations to the General Fund (\$2,982,531) and payment to Cornell of allocable joint gifts received by the Society (\$547,157), the balance of the Fund for Medical Progress, including net earnings thereon of \$908,363, was \$25,403,319 as of December 31, 1965 (exclusive of amounts recorded by Cornell) and is included in restricted and plant capital of the Society. At December 31, 1965, unpaid pledges to the Fund for Medical Progress (exclusive of direct pledges to Cornell) were approximately \$2,923,000, not including a challenge pledge of \$3,000,000. Unpaid pledges have not been recorded in the accompanying financial statements.
- (6) The Society is the beneficiary of bequests and gifts under various wills and trusts, etc., the realizable amounts of which are not presently determinable.

Service Statistics

1. Distribution of Beds
2. Hospitalized Patients
3. Ambulatory Patients
4. Services to Patients
5. Personnel Health Service
6. Personnel
7. Pathology
8. Participants in Training Programs

1. Distribution of Beds

December 31, 1965

	No. of Beds	
Private		
Main Hospital	115	
Obstetrics & Gynecology	26	
Pediatrics	5	146
Bassinets		16
Total Private		<u>162</u>
Semi-Private		
Two-Bed Baker	63	
Medical & Surgical	171	
Urology	25	
Obstetrics & Gynecology	65	
Pediatrics	19	343
Bassinets		31
Total Semi-Private		<u>374</u>
Pavilion (Ward)		
Medicine	145	
Surgery	124	
Urology	26	
Accident & Emergency	10	
Obstetrics & Gynecology	108	
Pediatrics	93	506
Bassinets		66
Total Pavilion (Ward)		<u>572</u>
Payne Whitney Clinic		109
Total New York City		1,217
Westchester Division		<u>350</u>
Grand Total		<u>1,567</u>

2. Hospitalized Patients

Patients admitted	1965	1964
Main hospital	29,318	29,642
Newborn	4,620	4,722
Payne Whitney Psychiatric Clinic	277	242
New York Hospital— Westchester Division	336	301
Grand total	<u>34,551</u>	<u>34,907</u>
Patient days, all divisions, including newborn	456,932	462,403

In-Patients, Patient Days, and Percentage of Occupancy, by Services

(Admissions include internal transfers.)

	1965			1964		
	Patients Admitted	Patient Days	% Occupancy	Patients Admitted	Patient Days	% Occupancy
Private						
Main Hospital	2,788	39,530	94.2	2,812	39,602	94.1
Obstetrical & Gynecological	1,344	8,052	84.9	1,376	8,320	87.4
Pediatrics	258	1,629	89.3	306	1,690	92.3
Total	4,390	49,211	92.4	4,494	49,612	92.8
Newborn	680	3,663	62.7	711	3,810	65.1
Total Private	<u>5,070</u>	<u>52,874</u>	<u>89.4</u>	<u>5,205</u>	<u>53,422</u>	<u>90.1</u>
Semi-Private						
Two-Bed, Baker Pavilion	1,454	22,237	96.7	1,410	21,423	92.9
Main Hospital	6,063	62,037	86.7	5,988	60,562	81.1
Obstetrical & Gynecological	3,544	17,863	81.3	3,601	18,463	85.5
Pediatrics	701	5,888	84.9	639	5,514	81.4
Total	11,762	108,025	86.8	11,638	105,962	84.0
Newborn	1,586	7,283	64.4	1,555	7,377	50.2
Total Semi-Private	<u>13,348</u>	<u>115,308</u>	<u>85.0</u>	<u>13,193</u>	<u>113,339</u>	<u>82.5</u>
Pavilion (Ward)						
Medical	2,604	44,646	84.5	2,525	46,284	87.2
Surgical	4,267	41,111	84.1	4,311	41,977	92.5
Urological	612	7,264	76.5	601	7,854	82.5
Obstetrical & Gynecological	3,689	22,127	53.7	3,926	24,423	58.5
Pediatrics	1,994	25,146	72.3	2,147	26,044	68.1
Total	13,166	140,294	74.9	13,510	146,582	76.5
Newborn	2,354	12,306	52.1	2,456	12,701	59.8
Total Pavilion (Ward)	<u>15,520</u>	<u>152,600</u>	<u>72.4</u>	<u>15,966</u>	<u>159,283</u>	<u>74.8</u>
Total Private, Semi-Private, Pavilion	29,318	297,530	81.5	29,642	302,156	81.4
Total Newborn	4,620	23,252	57.0	4,722	23,888	62.2
Total, Main Hospital	33,938	320,782	79.3	34,364	326,044	79.6
Department of Psychiatry						
Payne Whitney Clinic	277	31,485	79.1	242	33,113	84.9
Westchester Division	336	104,665	81.9	301	103,246	80.6
Grand Total	<u>34,551</u>	<u>456,932</u>		<u>34,907</u>	<u>462,403</u>	

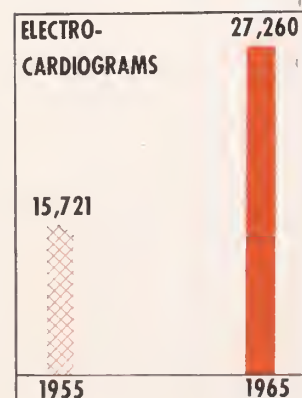
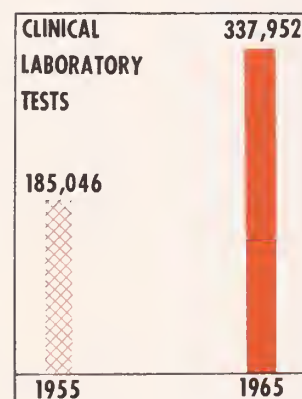
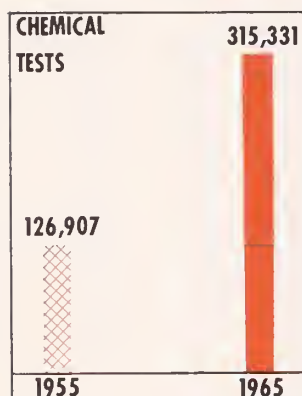
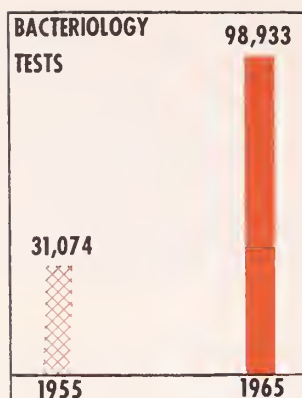
3. Ambulatory Patients

	1965	1964
New Patients Treated	17,419	16,086
Old Patients Treated	29,590	28,332
Total Patients Treated	47,009	44,418
Visits	236,857	224,692
Clinic Days	254	254
Average Visits per Clinic Days	932	885
Average Visits per Patient	5.0	5.1
EMERGENCY PAVILION		
Patient Visits	31,710	31,425

Comparative Attendance in Clinics

(These figures include multiple admissions to clinics by patients.)

	New Admissions		Total Patients		Total Visits	
	1965	1964	1965	1964	1965	1964
<i>Medical Division</i>						
Medical Specialties						
Allergy	65	69	771	753	8,065	7,425
Cardiology	82	84	878	881	3,811	3,667
Endocrine	96	83	956	936	3,823	3,508
Gastroenterology	64	99	833	914	3,400	3,331
Hematology	40	40	495	519	2,814	3,601
Neurology	191	176	1,249	1,183	3,198	2,764
Nerve Block	—	1	—	4	—	11
Pulmonary	48	27	645	666	1,937	1,773
Anti-Coagulant	32	19	303	315	2,690	2,680
Dermatology	1,157	977	3,735	3,469	10,929	10,011
Peripheral Vascular	89	76	470	611	1,506	1,992
Total Medical Specialties	1,864	1,651	10,335	10,251	42,173	39,763
General Medicine	1,653	1,577	5,180	6,820	22,966	25,702
Total Medical Division	3,517	3,228	15,515	17,071	65,139	65,465
<i>Surgical Division</i>						
Surgical Specialties						
Dental	651	603	2,512	2,397	7,535	6,423
Otolaryngology	1,119	986	4,533	4,322	10,424	9,104
Ophthalmology	1,257	1,097	6,596	6,583	16,673	15,977
Speech and Hearing	2	2	434	669	1,430	1,559
Fracture	503	437	1,029	986	2,869	2,753
Urology	652	553	3,184	3,049	9,583	8,362
Plastic Surgery	118	128	495	544	1,796	1,637
Varicose Veins	111	127	366	475	697	816
Total Surgical Specialties	4,413	3,933	19,149	19,025	51,007	46,631
Minor Surgery	1,357	1,349	3,709	3,939	10,965	11,450
General Surgery	1,195	991	6,259	3,988	16,823	11,501
Total Surgical Division	6,965	6,273	29,117	26,952	78,795	69,582
Grand Total:						
Main Out-Patient Department	10,482	9,501	44,632	44,023	143,934	135,047
<i>Special Clinics</i>						
X-Ray Therapy	35	22	136	144	2,906	2,947
Physical Therapy	33	53	296	350	2,110	2,131
Total Therapy	68	75	432	494	5,016	5,078
Nutrition	34	31	1,125	1,021	2,637	2,581
Radioactive Iodine	5	7	163	186	234	225
<i>Woman's Division</i>						
Gynecology	1,013	823	7,697	7,273	14,649	12,758
Obstetrics	2,293	1,712	3,458	3,463	20,257	20,926
Total Woman's Division	3,306	2,535	11,155	10,736	34,906	33,684
<i>Pediatric Division</i>						
Total Pediatric Division	3,203	3,549	6,803	7,512	34,653	34,889
Total Main Hospital	17,098	15,698	64,310	63,972	221,380	211,504
<i>Psychiatry Department</i>						
Payne Whitney Clinic	181	235	913	905	14,026	11,895
Westchester Division	140	153	358	386	6,035	5,877
Grand Total:						
Out-Patient Departments, The New York Hospital	17,419	16,086	65,581	65,263	241,441	229,276

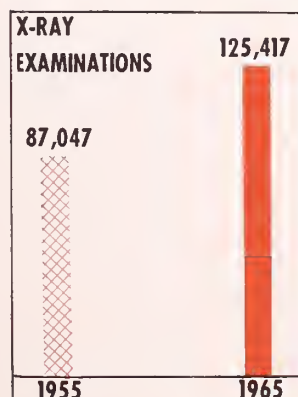
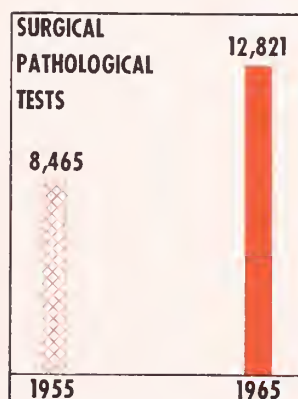
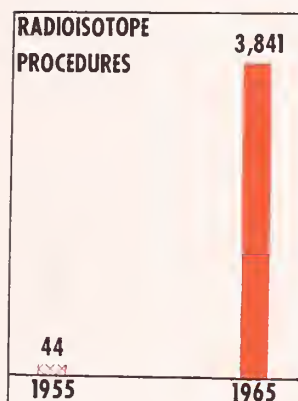
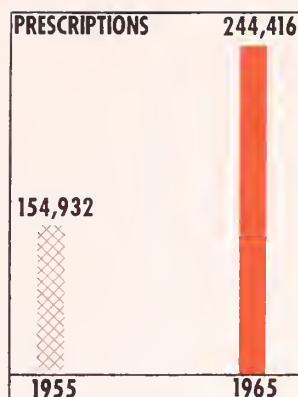


4. Services to Patients

	1965	1964
Deliveries	4,321	4,459
Operations	17,281	18,098
Laboratory Examinations		
Bacteriology	98,933	86,399
Basal Metabolism	1,721	2,001
Blood Bank	97,554	98,421
Chemistry	315,551	275,783
Clinical Pathology	337,952	313,298
Parasitology	6,629	6,518
Serology	31,309	28,393
Radioisotope Services	3,841	3,151
Surgical Pathology	12,821	12,022
Miscellaneous	6,458	13,267
X-Ray Examinations	125,417	117,126
X-Ray Treatments	10,114	10,416
Electrocardiograms	27,260	25,589
Electroencephalograms	1,561	1,548
Transfusions	12,677	12,339
Physical Therapy	21,241	23,177
Occupational Therapy, Main Hospital	6,837	8,637
Recreational Therapy, Pediatrics	37,053	34,341
Social Service Interviews	56,759	59,055
Record Room		
New Case Records Indexed and Filed	38,325	38,037
Circulation	1,111,100	1,056,196
Pharmacy Prescriptions	244,416	204,716
Meals Served	1,946,975	1,907,068
Laundry, Pounds	6,752,270	6,864,325

5. Personnel Health Service

	1965	1964
New York Hospital and Payne Whitney Clinic		
Personnel Health Visits	35,054	36,042
Physical Examinations	2,183	2,185
Personnel Visits to Out-Patient Department	17,109	16,353
X-Ray Examinations	6,629	9,235
(1965 total incomplete due to system conversion)		
Laboratory Examinations	16,940	16,831
Westchester Division		
Personnel Health Visits	2,272	2,128
Physical Examinations	228	230



6. Personnel

Number on Payroll, Dec. 31			
	1965	1964	
Ancillary and Professional Services	395	406	
Nursing			
Administration	188	173	
Graduate Nursing Staff	675	743	
Supplementary	534	1,397	544 1,460
Plant Operation and Maintenance	482	500	
Services and Supplies	713	681	
Comptrollers Office	70	73	
Corporate	15	12	
Executive and Administration	29	28	
Funds	12	10	
Total	3,113	3,170	
Payne Whitney Psychiatric Clinic	249	237	
Westchester Division	503	575	
Total Employees	3,865	3,982	

7. Pathology

	1965	1964
Deaths	795	752
Necropsies	557	538
Per cent*	69.3	71.5

*Computed in accordance with formula of the American Medical Association.

8. Participants in Training Program

	1965	1964
House Staff	216	247
Nursing Students		
Affiliated, Undergraduate and		
Practical Nurse Students	271	265
X-Ray Technician Students	32	30
Dental Hygienist Students	12	12
Dietetic Interns	16	17
Occupational Therapist Students	—	—
Physical Therapist Students	18	15
Medical Social Work Students	3	3
Total	568	589
Payne Whitney Psychiatric Clinic		
House Staff	18	16
Westchester Division		
House Staff	26	25
Nursing Students		
Affiliated Undergraduates	30	82
Grand Total	642	712

A History of Service

The New York Hospital had its beginning in 1771, five years before this country was born. It owed its beginning, as it owes its existence today, to the spirit of compassion among men.

The founding fathers of the Hospital petitioned King George III of England for a charter enabling them to erect the first hospital in the City and the second in what was to become the United States. In 1776 the first patients were admitted to the Hospital buildings in downtown Manhattan. Since this date, the Hospital has cared for nearly five million patients.

The New York Hospital was one of the first to take a modern view of mental illness and was the first to have a complete psychiatric department. In 1821, a new division of the Hospital for mental patients, called Bloomingdale Asylum, was opened on what is now upper Broadway. The institution later moved to White Plains, N. Y., and was renamed The New York Hospital — Westchester Division.

In 1877 the Hospital moved to larger quarters on Sixteenth Street and established its School of Nursing. Close ties with the Cornell University Medical College, established informally in 1912 and consummated by agreements in 1927, furthered the Hospital's goal of becoming one of the world's great teaching institutions. Three independently famous hospitals became affiliated with it over the years, later merging legally with The Society of the New York Hospital. They were the Lying-In Hospital, the Manhattan Maternity and Dispensary and the New York Nursery and Child's Hospital. Since 1949, when it moved to its new buildings, the Society's affiliate, The Hospital for Special Surgery, has provided extensive services in orthopedics and rheumatic disease.

The Hospital moved to its present site in 1932. The New York Hospital-Cornell Medical Center, occupying three city blocks at 68th Street and East River Drive, is made up of the Hospital, the Cornell University Medical College and the Cornell University-New York Hospital School of Nursing. The activities of the three institutions are coordinated by a Joint Administrative Board under the active supervision of the Director of the Center.

The four-fold concept of medicine of The New York Hospital embraces care of the sick, educating personnel for the medical professions, conducting research into the cause of disease and preventive medicine to safeguard the public health.

For the pursuit of these objectives, The Society of the New York Hospital has relied on the support of many public-spirited citizens who down through the generations have sustained its life-saving work by their financial contributions, and without whose generosity The New York Hospital would not exist today. In the pages that follow, we salute these men and women whose spirit of compassion has made possible the great service to humanity which this institution represents.

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 Mrs. Charles S. Payson
 Mrs. Laurence G. Payson
 The Barbara Whitney Peck
 Endocrine Fund
 Mrs. Samuel A. Peck
 Edmund Penfold
 Paul G. Pennoyer
 Pepsi-Cola Company
 George W. Perkins
 Alphonso P. Pettis
 Henry Phipps
 Ogden Phipps
 The Eugene H. Pool Memorial
 In memory of Wilson M. Powell
 Elizabeth Woodward Pratt
 Herbert L. Pratt
 Mrs. Florence E. Pye
 Mrs. Harr F. Ranney
 Frank J. Ransom
 R. Bleecker Rathbone
 Robert Ray
 Daniel G. Reid
 Charles E. Rhinelander
 William C. Rhinelander
 Kate S. Richardson

Grace M. Roberts
The Rockefeller Foundation
John D. Rockefeller, Jr.
Nelson A. Rockefeller
Mr. and Mrs. Richard Rodgers
Ella A. Rogers
John Augustus Rogers
Elihu Root, Jr.
The Roser Foundation
In memory of
Henry and Clara Roser
Helena Rubinstein
Thomas F. Ryan
Russell Sage Foundation
St. Elizabeth Endowment Fund
Joseph Sampson
Henry J. Sanford
The Mona Bronfman
Scheckman Foundation, Inc.
Nicholas M. Schenck
Mary Ann Schiebel
In memory of William J. Casey
In memory of
Mortimer and Adel Schiff
School Children's
Welfare League, Inc.
Mrs. Stanley J. Seeger
Edward W. Sheldon
Mary T. Sheldon
Mrs. Zalmon G. Simmons
H. Nelson Slater
Mrs. Frank R. Smith
Gertrude Robinson Smith
The Susan Kennedy Sniffen
and Consuelo Kennedy Rich Fund
Katherine Grace Snyder
Emily F. Southmayd
Charles Steele
Mrs. John A. Stewart
Irwin Strasburger

Robert L. and Alexander Stuart
Catharine B. Sturgis
Frank K. Sturgis
Henry S. Sturgis
Sylvan League, Inc.
The Tall Cedars of Lebanon
George C. Taylor
Henry Richmond Taylor
Walter C. Teagle
Charles G. Thompson
Elizabeth Thompson
Mary G. Thompson
Landon K. Thorne
Mrs. Josiah Titzell
Mr. and Mrs. Sam Tour
Isabel M. Towar
The Isabel M. Towar Fund
Josephine S. Treadwell
George T. Trimble
Ruth V. Twombly
Cornelius Vanderbilt
Harold S. Vanderbilt
William K. Vanderbilt
Mr. and Mrs.
William H. Vander Poel
Dr. and Mrs.
George H. Van Emburgh
Eduard Vis
Mrs. Frank S. Voss
Mary C. Walker
Albert Carey Wall
The Albert and Bessie Warner Fund
Harold Weill
Mrs. Francis M. Weld
S. Robert Weltz, Jr.
Caroline White
The Whitehall Foundation, Inc.
Cornelius Vanderbilt Whitney
John Hay Whitney

Mr. and Mrs. John Hay Whitney
Helen Hay Whitney Charitable Trust
Trustees: Mrs. Charles S. Payson,
John Hay Whitney
Payne Whitney
*Trustees under Will
of Payne Whitney:*
Lewis Cass Ledyard,
Lewis Cass Ledyard, Jr.
and Edward W. Sheldon
*Trustees under Will
of Gertrude V. Whitney:*
Mrs. Flora W. Miller
Mrs. Samuel A. Peck
and C. V. Whitney
Mrs. Payne Whitney
H. Sylvia A. H. G. Wilks
Samuel Willets
Langbourne M. Williams
Dwight Deere Wiman
Albert H. and Jessie D.
Wiggin Foundation
Mrs. Robert Winthrop
Anna Woerishoffer
John David Wolfe
The Edna Lowenstein Wolff Fund
In memory of Abram L. Lowenstein
In memory of William J. Wollman
In memory of Joan D. Woodbridge
Mother of Melissa, 1961
In memory of Melissa Woodbridge
Woodward Fund
James T. Woodward
William Woodward
In grateful recognition,
Mrs. William Woodward
Mrs. William Woodward, Jr.
In memory of Ethel Smiley Crowell
Sarah and Elizabeth Wooley
Charles C. Wright
The Bessie Wright Memorial Fund
Christian A. Zabriskie

Legacies

TO THE SOCIETY OF THE NEW YORK HOSPITAL / 1965

Annie M. Bell Trust
u/w Louis V. Bell
Estate of Hope L. De Oro
Estate of Philip A. Fischer
Estate of Louis H. Hartman
Estate of Nathaniel P. Hill
Estate of Rosina H. Hoppin

Isadore Korta Trust
u/w Maud Haas
Estate of William G. Kuehn
Estate of Dora Levy
Estate of Julia B. Locksmith
Estate of George A. Molleson
Estate of Gertrude Abbot Phillips

Estate of Betina B. Salvo
Estate of William A. Scott
Edgar M. Pope, Jr. Trust
u/w Emma Urchs
Estate of Max Wagner

Endowed Beds

OF THE SOCIETY OF THE NEW YORK HOSPITAL / 1886-1965

- | | |
|--|---|
| 1886 Robert Livingston Gerry | 1920 Adelaide Foltz Chapman
In memory of her father, William Stewart Foltz |
| 1901 Anna Peabody Wainwright
In memory of John Tillotson Wainwright | 1922 Ellen C. Harris
In memory of George W. Harris |
| 1902 Margaret J. Plant
In memory of her brother, Simon Loughman | 1922 Adelina M. Cramer
In memory of her brother, J. William Husemeyer |
| 1903 Nathaniel Whitman | 1922 Augusta I. Scott |
| 1904 Howard Willets
In memory of his son, Jack Willets | 1922 Mary A. FitzGerald |
| 1904 Harriette M. Arnold, St. George Bed, Hicks Arnold | 1922 Minetta C. Howenstine, The Howenstine Beds |
| 1905 Maria L. Campbell
In memory of Duncan Pearsall Campbell
Governor, 1818-1827 | 1923 Marion Cutting |
| 1906 Mr. and Mrs. Henry F. Shoemaker
In memory of their son, William Brock Shoemaker | 1923 Mary A. FitzGerald |
| 1907 Catherine L. R. Catlin
In memory of her brother, N. W. Stuyvesant Catlin | 1924 Lena Cadwalader Evans
In memory of her grandfather, Israel Corse,
a former governor of this Hospital,
and his daughter, Lena Burr Corse Evans |
| 1908 Kate Fearing Welman
In memory of her father, Charles Edward Strong | 1924 William G. DeWitt
In memory of his brother, Theodore DeWitt |
| 1909 Fanny A. Haven
In memory of her husband, George Griswold Haven | 1925 William P. Wainwright
In memory of his father, William P. Wainwright |
| 1909 Joel S. Mason
In memory of his parents,
Joel Whitney Mason and Mary Elizabeth Mason | 1925 William P. Wainwright
In memory of his mother, Cornelia R. Wainwright |
| 1909 Elizabeth M. Bliss | 1925 Mr. and Mrs. Gilbert Edward Jones
In loving and thankful memory
of Elizabeth Ingersoll Haven |
| 1910 Elizabeth Fisher King
In memory of her husband, Edward King,
who died in 1908 | 1926 Kate Bainbridge Murray
In memory of her brother, Thomas E. Deeley |
| 1912 Ella R. DeWitt
In memory of her husband, George Gosman DeWitt | 1927 Theresa R. Irving
In memory of her parents, John Brodhead Beck, M.D.
and Anne Sands Tucker Beck |
| 1912 Catherine E. Daly | 1927 Theresa R. Irving
In memory of her husband, Cortlandt Irving,
her brother, Fanning Cobham Tucker Beck,
and her sister, Annie M. Tucker Beck |
| 1913 Harrison E. Gawtry
In memory of his wife, Louise Brown Gawtry | 1927 Emily Stewart Waller
In memory of her father, John Aikman Stewart |
| 1914 Frank Hartley | 1927 Charles H. Wainwright
In memory of his brother, William P. Wainwright |
| 1915 Annie L. Morris
In memory of her husband, Fordham Morris,
who died in 1909 | 1927 Alfonso DeNavarro |
| 1916 Benjamin Robert Winthrop
In memory of his father, Benjamin Robert Winthrop | 1928 Mr. and Mrs. Howland Pell
In memory of their son, Howland Gallatin Pell |
| 1919 Webb Institute of Naval Architecture | |

ENDOWED BEDS / 1886-1965

- | | | | |
|------|---|------|---|
| 1928 | Almy Gallatin Pell
In memory of her father and mother,
Frederic and Almy G. Gallatin | 1945 | Julia Noyes deForest
In memory of her husband, Henry W. deForest |
| 1928 | Mr. and Mrs. Edward Lathrop Ballard | 1945 | Julia Noyes deForest
In memory of her sons, Henry W. deForest
and Charles Noyes deForest |
| 1928 | Mrs. Henry James
In memory of her cousin, McEvers Bayard Brown | 1947 | Mrs. Leland Eggleston Cofer
In loving memory of Lucy Chauncey |
| 1929 | Arthur H. Herschel
In memory of his mother, Grace Darling Herschel | 1948 | Martha B. and William Fraser |
| 1929 | Peter F. Meyer and Lizzie O. Meyer | 1948 | Rosetta F. Sachs
In memory of Max Kaskel |
| 1930 | Mary L. Walker Peters,
The Charles Grenville Peters Bed | 1949 | William Kirk Memorial Bed |
| 1933 | William James Boucher
In memory of his father and mother,
John and Lydia Lawrence Boucher | 1949 | Macy Mutual Aid Association |
| 1934 | Jean Brown Jennings
In memory of her husband, Walter Jennings | 1949 | Louise M. Griffin
In memory of her mother
Pauline Pryibil Hoffmann |
| 1934 | Oliver Burr Jennings, Jeanette Jennings Taylor,
Constance Jennings Ely
In memory of their father, Walter Jennings | 1950 | The Edward L. Cussler Memorial Bed |
| 1934 | Mary Isabella Meek | 1950 | G. Beekman Hoppin Memorial Bed |
| 1936 | Mrs. Thomas Williams, Thomas R. Williams,
Mrs. Dorcas W. Ferris, Mrs. Edith S. Blydenburg,
In memory of Thomas Williams | 1951 | The Dillon Fund |
| 1939 | Katherine Grace Snyder | 1953 | Max Rice |
| 1939 | Arthur H. Herschel
In memory of his wife, Sarah Frances Herschel | 1954 | John Jay, 1875-1928, Memorial Bed |
| 1939 | Veronica Brown Brophy
In memory of her father, George B. Brown,
a builder of this Hospital | 1955 | The Marc Eidlitz Bed |
| 1939 | Edith Haggin DeLong
In loving memory of her son,
James Ben Ali Haggin Lounsbury | 1955 | Col. John C. C. Thornton Family |
| 1940 | Edith Lounsbury Worden
In loving memory of her mother,
Edith Haggin DeLong | 1956 | Mary E. Cuming, in loving memory
of father, mother, brothers and sisters |
| 1940 | John A. Stewart | 1956 | Dessie Greer |
| 1940 | Mary T. Sheldon | 1956 | Eugenie M. L. Garchery |
| 1941 | Patients and friends
In memory of William R. Williams, M.D.,
Attending Physician, 1912-1932 | 1956 | The Pleasant Valley Mills Bed, II |
| 1942 | Ballard Memorial Bed | 1957 | Mathilde S. Sterne
In memory of Simon Sterne |
| 1943 | The Pleasant Valley Mills Bed | 1957 | Marie Stewart
In memory of Virginia Stewart |
| 1943 | Josiah Locke Webster | 1958 | Marjorie Hard |
| 1943 | Robert Winthrop | 1958 | In memory of Henry Nathan, 1852-1922
Dedicated by his son, Garfield Arthur Nathan |
| 1944 | Anonymous, The Cayuga Bed | 1958 | In memory of Tillie Burgauer Nathan, 1862-1933
Dedicated by her son, Garfield Arthur Nathan |
| 1944 | Howard Gould and Margaret M. Gould | 1958 | The Katherine Grace Snyder Bed |
| 1945 | Augusta dePeyster
In memory of her sister, Frances dePeyster | 1959 | In loving memory of Ivan Henning Wichfeld |
| | | 1961 | Alice McIntire Fay Memorial Bed |
| | | 1963 | Mr. and Mrs. Edgar Seldon Bloom
In memory of Mrs. Bloom's parents,
James Boyle Wallace and
Fannie McKeon Wallace |
| | | 1963 | Cedric Aylwin Major |
| | | 1965 | Henry Lewis Phillips and
Gertrude Abbot Phillips Fund |

Professional Staff

The following doctors served during all or part of the year 1965:

Consultants

Arthur F. Anderson, M.D. <i>Pediatrics</i>	Cary Eggleston, M.D. <i>Medicine</i>	Ade T. Milhorat, M.D. <i>Medicine</i>	Fred W. Stewart, M.D. <i>Pathology</i>
Horace S. Baldwin, M.D. <i>Medicine</i>	Charles E. Farr, M.D. <i>Surgery</i>	Joseph N. Nathanson, M.D. <i>Obs. & Gyn.</i>	Harold J. Stewart, M.D. <i>Medicine</i>
Irvin Balensweig, M.D. <i>Orthopedics</i>	Connie M. Guion, M.D. <i>Medicine</i>	Charles T. Olcott, M.D. <i>Pathology</i>	Philip M. Stimson, M.D. <i>Pediatrics</i>
David P. Barr, M.D. <i>Medicine</i>	James A. Harrar, M.D. <i>Obs. & Gyn.</i>	Eugene L. Opie, M.D. <i>Pathology</i>	Edward Tolstoi, M.D. <i>Medicine</i>
Katharine Butler, M.D. <i>Medicine</i>	Helen Harrington, M.D. <i>Pediatrics</i>	Charles H. O'Regan, M.D. <i>Pediatrics</i>	Lewis C. Wagner, M.D. <i>Orthopedics</i>
*Russell L. Cecil, M.D. <i>Medicine</i>	Frederick C. Hunt, M.D. <i>Pediatrics</i>	Russel H. Patterson, M.D. <i>Surgery</i>	James H. Wall, M.D. <i>Psychiatry</i>
Edward H. Dennen, M.D. <i>Obs. & Gyn.</i>	Hedwig Koenig, M.D. <i>Pediatrics</i>	Paul Reznikoff, M.D. <i>Medicine</i>	Barraud J. Watson, M.D. <i>Surgery</i>
Oskar Diethelm, M.D. <i>Psychiatry</i>	Samuel Z. Levine, M.D. <i>Pediatrics</i>	Wilson G. Smillie, M.D. <i>Public Health</i>	Charles A. Weymuller, M.D. <i>Pediatrics</i>
R. Gordon Douglas, M.D. <i>Obs. & Gyn.</i>	George M. Lewis, M.D. <i>Medicine</i>	Carl H. Smith, M.D. <i>Pediatrics</i>	May G. Wilson, M.D. <i>Pediatrics</i>
Robert O. Du Bois, M.D. <i>Pediatrics</i>	William F. MacFee, M.D. <i>Surgery</i>	Frank R. Smith, M.D. <i>Obs. & Gyn.</i>	Philip D. Wilson, M.D. <i>Orthopedics</i>
Joseph D. Eby, D.D.S. <i>Orthodontia</i>	Frank J. McGowan, M.D. <i>Surgery</i>	Alexander R. Stevens, M.D. <i>Urology</i>	

*Deceased: 6/1/65

Anesthesiology

ANESTHESIOLOGIST-IN-CHIEF
Joseph F. Artusio, Jr., M.D.

ATTENDING ANESTHESIOLOGIST
Benjamin E. Marbury, M.D.

ASSOCIATE
ATTENDING ANESTHESIOLOGISTS
Charles L. Burstein, M.D.
Marjorie J. Topkins, M.D.
Alan Van Poznak, M.D.

ASSISTANT
ATTENDING ANESTHESIOLOGISTS
Raymond G. Barile, M.D.

Dragan Borovac, M.D.
Walter L. Dawson, M.D.
Herbert L. Erlanger, M.D.
John L. Fox, M.D.
Alexander Gotta, M.D.
Anita H. Goulet, M.D.
Ann Huston, M.D.
Barnett J. Junker, M.D.
Aileen F. Kass, M.D.
Louis J. Maggio, M.D.
George R. Monahan, M.D.
Patricia M. O'Neil, M.D.
Jerold Schwartz, M.D.
David G. Susman, M.D.
Jerome R. Weinroth, M.D.

Peter Wei-Ting Yu, M.D.

PROVISIONAL
ASSISTANT ANESTHESIOLOGIST
Michael L. Testa, Jr., M.D.

Graduate Staff

ANESTHESIOLOGISTS
Leslie L. Balazs, M.D.
Mary Ellen Cooney, M.D.
Elizabeth A. M. Frost, M.D.
Aileen Kass, M.D.
Hwa-Kou King, M.D.
Manon G. Manahan, M.D.

Parvaneh Modaber, M.D.
David Susman, M.D.
Judith Weingram, M.D.

ASSISTANT ANESTHESIOLOGISTS
George W. Allgair, Jr., M.D.
Janet E. Allgair, M.D.
Alegria D. Bahia, M.D.
Mary L. Chua, M.D.
Gabriel G. Curtis, M.D.
Nadine S. Hradsky, M.D.
Cheng-Hock Seah, M.D.
Yung Jai Sohn, M.D.
Michael L. Testa, Jr., M.D.

Medicine

PHYSICIAN-IN-CHIEF

E. Hugh Luckey, M.D.
until 7/1/65

ACTING PHYSICIAN-IN-CHIEF

David D. Thompson, M.D.
from 7/1/65

ATTENDING PHYSICIANS

Thomas P. Almy, M.D.
Anthony C. Cipollaro, M.D.
Frank E. Cormia, M.D.
John E. Deitrick, M.D.
Aaron Feder, M.D.
Claude E. Forkner, M.D.
Richard H. Freyberg, M.D.
Elliot Hochstein, M.D.
Edward W. Hook, Jr., M.D.
B. H. Kean, M.D.

*Milton L. Kramer, M.D.
Allyn B. Ley, M.D.
Walsh McDermott, M.D.
Carl Muschenheim, M.D.
Theodore W. Oppel, M.D.
George G. Reader, M.D.
Marvin H. Sleisenger, M.D.
David D. Thompson, M.D.
Robert F. Watson, M.D.
Irving S. Wright, M.D.

*Deceased: 3/8/65

ASSOCIATE

ATTENDING PHYSICIANS

George C. Armistead, Jr., M.D.
Jeremiah A. Barondess, M.D.
David V. Becker, M.D.
E. Lovell Becker, M.D.
Henry A. Carr, M.D.
William N. Christenson, M.D.
Eugene J. Cohen, M.D.
Farrington Daniels, Jr., M.D.
John W. Dougherty, M.D.
Murray Dworetzky, M.D.
Ralph L. Engle, Jr., M.D.
†Albert John Erdmann, Jr., M.D.
William T. Foley, M.D.
Constance Friess, M.D.
George W. Frimpter, M.D.
William Geller, M.D.
Sidney M. Greenberg, M.D.
Susan J. Hadley, M.D.
Lawrence E. Hinkle, Jr., M.D.
Melvin Horwith, M.D.
Graham H. Jeffries, M.D.
George L. Kauer, Jr., M.D.
Edwin D. Kilbourne, M.D.
Thomas Killip, III, M.D.
Frederic T. Kirkham, Jr., M.D.
Henry B. Kirkland, M.D.
Charles S. Lieber, M.D.
Robert M. Lintz, M.D.
Mack Lipkin, M.D.
Daniel S. Lukas, M.D.
A. Parks McCombs, M.D.
Ellen McDevitt, M.D.

Robert H. Melchionna, M.D.
Mary Ann Payne, M.D.
Ralph E. Peterson, M.D.
R. A. Rees Pritchett, M.D.
William C. Robbins, M.D.
Sidney Rothbard, M.D.
Albert Rubin, M.D.
Norton Spritz, M.D.
Israel Steinberg, M.D.
Peter E. Stokes, M.D.
Alphonse E. Timpanelli, M.D.
Douglas P. Torre, M.D.
Bruce P. Webster, M.D.
Byard Williams, M.D.

†Deceased: 11/11/65

ASSISTANT

ATTENDING PHYSICIAN

Seymour Advocate, M.D.
Anthony A. Antoville, M.D.
Kenneth C. Archibald, M.D.
Lucien I. Arditi, M.D.
Sam C. Atkinson, Jr., M.D.
Olav Austlid, M.D.
Lloyd T. Barnes, M.D.
Carl A. Berntsen, M.D.
Norman Brachfeld, M.D.
John L. Brown, Jr., M.D.
J. Robert Buchanan, M.D.
Donald J. Cameron, M.D.
Susan T. Carver, M.D.
Aaron D. Chaves, M.D.
George O. Clifford, M.D.
Denton S. Cox, M.D.
Marion Davis, M.D.
Paul F. deGara, M.D.
Monroe T. Diamond, M.D.
William J. Eisenmenger, M.D.
Borje E. V. Ejrup, M.D.
Henry R. Erle, M.D.
John T. Flynn, M.D.
Eugene D. Furth, M.D.
Horace T. Gardner, M.D.
Charles H. Goodrich, M.D.
George W. Gorham, M.D.
Sidney E. Grossberg, M.D.
Keith O. Guthrie, Jr., M.D.
Leonard L. Heimoff, M.D.
Richard A. Herrmann, M.D.
Lawrence B. Hobson, M.D.
Milton Hollenberg, M.D.
Eugene L. Horger, M.D.
Herbert I. Horowitz, M.D.
Donald W. Hoskins, M.D.
William H. Kammerer, M.D.
J. Harry Katz, M.D.
Donald Kaye, M.D.
LeMoine C. Kelly, M.D.
Herbert Koteen, M.D.
John S. La Due, M.D.
Costas T. Lambrew, M.D.
Richard E. Lee, M.D.
Robert D. Leeper
Jerrold S. Lieberman, M.D.
Martin Lipkin, M.D.

Donald B. Louria, M.D.
Glenn D. Lubash, M.D.
Norton M. Luger, M.D.
Phillip D. Marsden, M.D.
James R. McCarroll, M.D.
Richard R. McCormack, M.D.
Robert M. McCune, Jr., M.D.
George A. McLemore, Jr., M.D.
Allen W. Mead, M.D.
Willis A. Murphy, M.D.
W. P. Laird Myers, M.D.
Ralph L. Nachman, M.D.
Irwin Nydick, M.D.
Artemis G. Pazianos, M.D.
Francis S. Perrone, M.D.
Norman Plummer, M.D.
James W. Raleigh, M.D.
John C. Ribble, M.D.
Jack Richard, M.D.
Edgar A. Riley, M.D.
Thomas N. Roberts, M.D.
David M. Roseman, M.D.
Isadore Rosenfeld, M.D.
Richard H. Saunders, Jr., M.D.
Paul D. Saville, M.D.
Lawrence Scherr, M.D.
Jerome L. Schulman, M.D.
Leonard H. Schuyler, M.D.
Ernest Schwartz, M.D.
Arthur W. Seligmann, M.D.
Charles Sheard, III, M.D.
Edward M. Shepard, M.D.
Paul Sherlock, M.D.
Richard T. Silver, M.D.
Gerald M. Silverman, M.D.
Lawrence S. Sonkin, M.D.
Aaron D. Spielman, M.D.
Herman Steinherr, M.D.
Kurt H. Stenzel, M.D.
Richard W. Stone, M.D.
James C. Strickler, M.D.
William D. Stubenbord, M.D.
Louis J. Vorhaus, II, M.D.
Lila A. Wallis, M.D.
Clinton G. Weiman, M.D.
Aaron O. Wells, M.D.
Elliot Weser, M.D.
A. L. Winston, M.D.
Alexander W. Young, Jr., M.D.

PHYSICIANS TO OUTPATIENTS

Henriette E. Abel, M.D.
Robert R. Abel, M.D.
William A. Anderson, M.D.
Fritz H. Bach, M.D.
Ralph A. Baer, M.D.
Nils U. Bang, M.D.
Emory C. Beechwood, M.D.
Bertrand M. Bell, M.D.
Bry Benjamin, M.D.
Gordon D. Benson, M.D.
Judith L. Berg, M.D.
Harry Bienenstock, M.D.
Samuel H. Brethwaite, Jr., M.D.
Keeve Brodman, M.D.
Harrison O. Brown, Jr., M.D.
Veronica C. Brown, M.D.
Bernard H. Burbank, M.D.
Edward A. Burkhardt, M.D.

Eric J. Cassell, M.D.
Foen B. Chu, M.D.
Vincent A. Cipollaro, M.D.
Hugh E. Claremont, M.D.
Melva A. Clark, M.D.
Ira B. Cohen, M.D.
C. Stephen Connolly, M.D.
Francis P. Coombs, M.D.
Jean H. Cramer, M.D.
Richard A. P. Cupaiuoli, M.D.
Jeff Davis, M.D.
C. Pinckney Deal, Jr., M.D.
Peter de Nesnera, M.D.
Dominic M. DePalma, M.D.
Carolyn H. Diehl, M.D.
Joseph C. Dougherty, M.D.
Robert E. Dye, M.D.
Robert E. Eckardt, M.D.
Elizabeth A. Eilers, M.D.
Eric V. Eisner, M.D.
Ralph A. Eskesen, M.D.
M. Elaine Eyster, M.D.
Aldo R. Faga, M.D.
Claude E. Forkner, Jr., M.D.
Martin Gardy, M.D.
Edward Gendel, M.D.
Fred A. Gill, M.D.
Robert D. Gittler, M.D.
David L. Globus, M.D.
David Gluck, M.D.
Harry Gold, M.D.
Maurice E. Goldman, M.D.
Enoch Gordis, M.D.
Clara R. Gross, M.D.
Seymour Grossman, M.D.
Marshall J. Hanley, M.D.
Andrew W. Haraway, M.D.
Janet K. Hayes, M.D.
Raymond B. Hochman, M.D.
Alan F. Hofmann, M.D.
Helene Holtz, M.D.
James R. Hurley, M.D.
Norman J. Isaacs, M.D.
Abraham S. Jacobson, M.D.
Bernard W. Jaslowitz, M.D.
Thomas P. Jernigan, M.D.
Barry M. Josephson, M.D.
Ivan J. Kahn, M.D.
Anna Kara, M.D.
Arthur Karanas, M.D.
David A. Karnofsky, M.D.
Richard H. Kessler, M.D.
Susan R. Kessler, M.D.
John T. Kimball, Jr., M.D.
Harold L. Leder, M.D.
James W. Ledwith, M.D.
Leo R. Lese, M.D.
Richard J. Leswing, M.D.
Barrie Levitt, M.D.
Bruce C. Levy, M.D.
Charles M. Lewis, M.D.
Marjorie G. Lewisohn, M.D.
John LoVerme, M.D.
Nicholas T. Macris, M.D.
John F. Marchand, M.D.
Mark R. Marciano, M.D.
Klaus Mayer, M.D.
N. Eileen McGrath, M.D.
Walter Modell, M.D.

David W. Molander, M.D.
 Henry B. Nachtigall, M.D.
 Martin Nydick, M.D.
 Normand E. Olivier, M.D.
 Sydnor B. Penick, III, M.D.
 Richard Perkins, M.D.
 Raymond E. Phillips, M.D.
 Arthur D. Philson, M.D.
 Aurelia Potor, M.D.
 John H. Prunier, M.D.
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from 7/1/65
Curtis T. Prout, M.D.
until 6/30/65

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Howard M. Eisenberg, M.D.
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Index to Professional Staff Members

Hyphenated numbers appearing after names show page number and column where each name appears in the Professional Staff Members List.

- | | | | |
|---------------------------------|---------------------------------|---------------------------------|----------------------------------|
| Abadee, Parichehr 54-3 | Austlid, Olav 51-2 | Beresford, H. Richard ...52-2 | Burbank, Bernerd H. 51-3 |
| Abbott, Joseph A. 52-2 | Avnet, Samuel 57-2 | Berg, Judith L. 51-3 | Burkhardt, Edward A. 51-3 |
| Abel, Donald W. 56-3 | Axel, Peter J. 54-3 | Bergland, Richard M. 57-3 | Burkholder, Peter M. 53-2 |
| Abel, Henriette E. 51-3 | | Berne, Bernard H. 56-4 | Burnett, Harry W., Jr. 56-1 |
| Abel, Robert R. 51-3 | Bach, Fritz, H. 51-3 | Berntsen, Carl A. 51-2 | Burnham, D. Virginia ...53-4 |
| Abelson, Charles B. 57-4 | Baer, Ralph A. 51-3 | Bethea, James S., III 56-4 | Burns, Rosalie A. 52-2 |
| Abroms, Gene M. 55-3 | Bahia, Alegria D. 50-4 | Betz, Barbara J. 55-1 | Burstein, Charles L. 50-1 |
| Acosta, Jerry L. 56-3 | Baker, Ralph D. 54-3 | Bezan, Allan I. 54-3 | Butkiewicz, Alexander S. 56-3 |
| Adams, Daniel W. 53-3 | Balazs, Leslie L. 50-3 | Bienenstock, Harry 51-3 | Butler, Katharine 50-1 |
| Adelson, Edward T. 54-3 | Baldwin, Horace S. 50-1 | Bigelow, Llewellyn B. ...55-3 | Buydens, Laure B. 55-3 |
| Adler, Howard 52-2 | Balensweig, Howard D. ..56-1 | Billo, Otto E. 53-4 | |
| Adler, Joel B. 57-2 | Balensweig, Irvin 50-1 | Binford, Robert T., Jr. ...52-2 | Callahan, Edward W., Jr. 52-2 |
| Advocate, Seymour 51-2 | Bang, Nils U. 51-3 | Bippart, Charles H., Jr. ..53-2 | Callahan, Justin T. 50-1 |
| Alexander, James S. 54-2 | Baragry, Richard A. 57-4 | Birnbaum, Gary 52-4 | Cameron, Donald J. 51-2 |
| Allen, Fred H., Jr. 53-1 | Baras, Irving 57-2 | Birnbaum, Stanley J. 53-2 | Campbell, Rolla D., Jr. 57-1 |
| Allgair, George W., Jr. ...50-4 | Barasch, Kenneth R. 57-4 | Bittencourt, Helito M. 52-2 | Canale, Virginia C. 54-2 |
| Allgair, Janet E. 50-4 | Barber, Hugh R. K. 53-1 | Blank, Alan M. 53-4 | Caplan, Robert B. 56-3 |
| Almy, Thomas P. 51-1 | Barile, Raymond G. 50-1 | Blitz, Marvin B. 55-1 | Carey, Thomas I. 57-1 |
| Alonso, Daniel R. 53-3 | Barnes, Lloyd T. 51-2 | Boddy, Francis A. 52-2 | Carlson, Eric T. 54-1 |
| Altman, Ina Ruth 56-1 | Barnes, William A. 56-1 | Bolt, William M. 52-4 | Carney, William H. 53-4 |
| Amstutz, Harlan C. 57-2 | Barondess, Jeremiah A. ..51-1 | Boris, Marvin 54-1 | Caronna, John J. 52-4 |
| Anderson, Arthur A., Jr. 54-2 | Barr, David P. 50-1 | Borovac Dragan 50-2 | Carpenter, Charles W. ...56-3 |
| Anderson, Arthur F. 50-1 | Barreto, Armando 58-3 | Boynton, Perry S., Jr. 53-2 | Carpenter, Walter T. 54-1 |
| Anderson, David G. 56-3 | Barten, Harvey H. 54-3 | Brachfeld, Norman 51-2 | Carr, Henry A. 51-1 |
| Anderson, Gerald A. 55-3 | Bashkin, Edmund A. 54-3 | Bradess, Victoria A. 55-4 | Carre, Aurelien 58-4 |
| Anderson, Gerald G. 53-4 | Basile, Naef K. 53-2 | Branchey, Marc H. 55-3 | Carroll, William T. 55-4 |
| Anderson, Richard D. ...56-4 | Bass, Richard R. 53-4 | Brander, Jerome H. 53-2 | Carson, Robert S. 54-3 |
| Anderson, William A. 51-3 | Bauer, Charles H. 53-2 | Branwood, A. Whitley ...53-1 | Carver, Susan T. 51-2 |
| Antoville, Anthony A. 51-2 | Bauer, Goran C. H. 57-1 | Braunstein, Paul W. 56-1 | Casat, Charles D. 55-3 |
| Applebaum, Jacob 58-2 | Baumgartner, Leona 53-2 | Brethwaite, Samuel H., Jr. 51-3 | Cassell, Eric J. 51-4 |
| Arango, Gonzalo 52-2 | Baxter, James E. 54-2 | Brice, Mitchell 58-2 | Caterinicchio, Benedict S. 54-1 |
| Arboit, Joan M. 54-2 | Beck, Arthur D. 58-4 | Brilliant, Renee M. 54-2 | Catino, Donald 53-3 |
| Arce, A. Anthony 55-1 | Becker, Carl G. 53-2 | Brockunier, Alfred, Jr. ...53-2 | Cavallino, Robert P. 56-4 |
| Archibald, Kenneth C. ...52-2 | Becker, David V. 51-1, 57-1 | Brodman, Keeve 51-3 | Cecil, Russell L. 50-1 |
| Arcuri, Joseph 55-1 | Becker, E. Lovell 51-1 | Brown, Alfred A. 57-3 | Celian, Charles I. 54-3 |
| Arditi, Lucien I. 51-2 | Becker, Heber W., Jr. 55-2 | Brown, David E. 55-2 | Cerulli, Remo R. 54-3 |
| Arky, Albert M. 54-2 | Beechwood, Emory C. ...51-3 | Brown, Harrison O., Jr. ...51-3 | Chaves, Aaron D. 51-2 |
| Armistead, George C., Jr. 51-1 | Behrman, Lawrence A. ...57-2 | Brown, James W. 55-3 | Champion, Phillips K., Jr. 52-2 |
| Arnold, William D. 57-2 | Behrman, Stanley J. 57-1 | Brown, John L., Jr. 51-2 | Champion, William M. ...58-4 |
| Aronson, Jason 54-2 | Beil, Arthur R., Jr. 56-2 | Brown, Veronica C. 51-3 | Chandor, Stebbins B. ...53-2 |
| Artusio, Joseph F., Jr. ...50-1 | Beiser, Morton 55-2 | Browne, Michael A. 57-3 | Charash, Leon I. 54-1 |
| Asaph, James W. 56-3 | Beling, Carl G. 53-3 | Browne-Mayers, Albert N. 54-3 | Christenson, William N. 51-1 |
| Asch, Thane 56-1 | Bell, Bertrand M. 51-3 | Brush, A. Louise 54-2 | Chu, Foen B. 51-4 |
| Ashe, Barbara S. 53-4 | Beneventi, Francis A. 58-2 | Bruton, William J. 57-4 | Chua, Mary L. 50-4 |
| Ashman, Stuart 54-2 | Benjamin, Bry 51-3 | Buchanan, J. Robert 51-2 | Chynn, Kuo-York 56-1 |
| Atkinson, Sam C., Jr. ...51-2 | Benson, Gordon D. 51-3 | Buchanan, Mary C. 54-1 | Cipolaro, Vincent A. 51-4 |
| Auld, Peter A. McF. 53-4 | Berenberg, Samuel R. ...53-4 | Buchman, Myron I. 53-2 | Cipollaro, Anthony C. ...51-1 |

INDEX TO PROFESSIONAL STAFF MEMBERS

- Claremont, Hugh E. 51-4
 Clark, Melva A. 51-4
 Clarke, Robert L. 56-1
 Clifford, George O. 51-2
 Clifton, Eugene E. 56-1
 Clow, Hollis E. 55-1
 Clutario, Bella C. 54-3
 Coats, Edward C. 58-2
 Cobb, John R. 57-1
 Cobbs, C. Glenn 52-2
 Cohurn, Richard J. 56-3
 Cocke, William M., Jr. 58-4
 Cohen, Eugene J. 51-1
 Cohen, Ira B. 51-4
 Cole, John T. 53-1
 Cole, Robert M. 57-2
 Coleman, John W. 56-3
 Coletti, John M., Jr. 56-4
 Colwell, Clifford W. 57-4
 Colston, William C. 56-4
 Connolly, C. Stephen 51-4
 Constantine, Elizabeth F. 57-2
 Conway, Herbert 58-1
 Coombs, Francis P. 51-4
 Cooney, Mary Ellen 50-3
 Cooper, Howard N. 54-3
 Cooper, William 57-1
 Cooper, William A. 56-1
 Cormia, Frank E. 51-1
 Cornell, George N. 56-1
 Cornell, Roger C. 52-4
 Cornwall, Claude C. 53-3
 Cortese, Armand F. 56-2
 Cox, Denton S. 51-2
 Craig, George T. 56-3
 Cramer, Jean H. 51-4
 Crawford, David B., Jr. 53-1
 Crill, Wayne E. 52-3
 Crissey, Eleanor 54-2
 Culbert, Charles M. 53-4
 Cummins, F. Mitchell 56-2
 Cupaiuoli, Richard A. P. 51-4
 Curi, Joseph F. J. 54-3
 Curtis, Gabriel G. 50-4

 Daly, Robert M. 55-4
 Dangelmajer, Rudolph C. 57-3
 Daniels, Farrington, Jr. 51-1
 Daniells, Helen E. 54-1
 Dann, Margaret 53-1
 Darrigan, Thomas M. 57-4
 da Silva, Jose A. F. 52-2
 Davidson, Richard A. 57-4
 Davis, E. William, Jr. 53-1
 Davis, Jeff 51-4
 Davis, Marion 51-2
 Davis, Robert C., Jr. 52-2
 Davis, Robert V., Jr. 57-4
 Dawson, Walter L. 50-2
 Deal, C. Pinckney, Jr. 51-4
 de Alvarado, Lois B. 54-3
 de Camacho, Ruth W. 54-2
 Deans, Robert D. 58-2
 Deep, Anthony A., Jr. 53-2
 De Furia, Frank G. 52-2
 de Gara, Paul F. 53-2, 51-2
 Deitrick, John E. 51-1
 Delaney, John R. 55-2
 De Mayo, Alan P. 53-4
 de Nesnera, Peter 51-4

 Dennen, Edward H. 50-1
 DePalma, Dominic M. 51-4
 Dessler, Edgar J. 52-2
 Deutscher, Robert N. 52-2
 Diamond, Monroe T. 51-2
 Diehl, Carolyn H. 51-4
 Diethelm, Arnold G. 56-3
 Diethelm, Oskar 50-1
 Di Gangi Mary V. 55-4
 Di Leo, Joseph H. 53-4
 Dillon, Thomas F. 53-1
 Dincen, Peter 56-1
 Dobrowolski, Peter E. 56-4
 Doherty, John H. 57-2
 Dougherty, John W. 51-1
 Dougherty, Joseph C. 51-4
 Douglas, R. Gordon 50-1
 Doyle, Thomas L., Jr. 54-3
 Downs, Lawrence A. 55-4
 Dozier, David F. 52-4
 Draper, John W. 58-1
 Drew, J. Edwin 58-2
 Du Bois, Robert O. 50-1
 Duckworth, Roy D. 55-4
 Duley, Wade 56-1
 Dunbar, Charles R. 57-3
 Dunbar, Howard S. 57-2
 Dunkell, Samuel V. 54-3
 Dunlap, Edward A. 57-1
 Dunn, Allan R. 57-4
 Dunning, Henry S. 52-1, 55-4
 D'Urso, John A. 53-2
 du Vigneaud, Vincent, Jr. 53-2
 Dworetzky, Murray 51-1
 Dye, Robert E. 51-4
 Dymling, John F. 52-2

 Easton, J. Donald 52-4
 Eaton, Richard G. 57-3
 Eby, Joseph D. 50-1
 Eckardt, Robert E. 51-4
 Eckel, John H. 56-1
 Eddy, Harrison P. 54-2
 Edelman, Martin J. 56-2, 57-3
 Edelson, Stuart R. 55-2
 Egan, George F. 57-1
 Eggleston, Cary 50-2
 Ehlers, Kathryn H. 54-1
 Ehrlich, Alvin N. 52-3
 Ehrlich, Richard M. 56-3
 Eichenholtz, Sidney N. 57-2
 Eilers, Elizabeth A. 51-4
 Eisenberg, Howard M. 56-3
 Eisenmenger, William J. 51-2
 Eisner, Eric V. 51-4
 Ejrup, Borje E. V. 51-2
 Emery, John R. 55-3
 Engel, Tibor 53-4
 Engle, Mary Allen E. 53-1
 Engle, Ralph L., Jr. 51-1
 Epstein, Nathan 53-4
 Epstein, Simon J. 55-2
 Erdman, Frederick S., Jr. 56-3
 Erdmann, Albert J., Jr. 51-1
 Erickson, Robert P. 54-4
 Erlandson, Marion E. 53-2
 Erlanger, Herbert L. 50-2
 Erle, Henry R. 51-2
 Ern, Richard A. 55-2
 Ertel, Norman H. 52-3

 Eryol, Azak S. 53-3
 Eskes, Philip W. H. 54-2
 Eskesen, Ralph A. 51-4
 Ettinger, Edwin 52-3
 Evans, John A. 56-1
 Eyster, M. Elaine 51-4

 Fadden, Francis J., Jr. 57-3
 Faga, Aldo R. 51-4
 Fales, Catherine H. 54-2
 Farnsworth, Peter B. 54-2
 Farr, Charles E. 50-2
 Farr, Hollon W. 56-1
 Farrell, Frank W. 58-3
 Fear, Robert E. 53-4
 Feder, Aaron 51-1
 Feinman, Lawrence 52-3
 Felton, Rosemary B. 55-2
 Ferguson, G. Renee 54-3
 Fessenden, Willard B., Jr. 52-3
 Figueredo, Jose F. M. 52-2
 Finkle, Theodore H. 54-3
 Finn, Frederick W. 55-3
 Finn, James E. 56-3
 Finn, William F. 53-1
 Fish, Irving 52-4
 Fisher, John T. 57-3
 Fisher, Robert L. 57-4
 Fitzgerald, Robert J. 53-4
 Flach, Frederic E. 54-1
 Fleetwood, Maria F. 54-3
 Flynn, James P. 56-3
 Flynn, John T. 51-2
 Flynn, Maura L. 55-1
 Focht, Elizabeth F. 56-3
 Foley, William T. 51-1
 Foote, Frank W., Jr. 53-1
 Forde, Thomas P. 52-3
 Forkner, Claude E. 51-1
 Forkner, Claude E., Jr. 51-4
 Forrest, Arnold W. 55-3
 Fountain, Gerard 55-4
 Fox, John L. 50-2
 Frahle, Mary A. S. 58-3
 Francis, Yvette F. 54-2
 Frankel, Herman M. 54-3
 Franklin, John E. 53-2
 Frantantoni, Joseph C. 52-4
 Freedman, Walter L. 53-2
 Freiburger, Robert H. 56-2
 Freund, Myron E. 58-4
 Freyberg, Richard H. 51-1
 Friedman, Lionel O. 54-2
 Friess, Constance 51-1
 Frimpter, George W. 51-1
 Frost, Elizabeth A. M. 50-3
 Fuchs, Fritz E. 53-1
 Fulcher, Thomas M. 56-3
 Fulmer, David H. 52-3
 Furth, Eugene D. 51-2, 56-2

 Gabel, Milton 57-2
 Galin, Miles A. 57-1
 Gallagher, Neil D. 52-2
 Galvin, Gerald M. 57-3
 Gandy, Hortense M. 53-2
 Gardner, David J. 55-2
 Gardner, Horace T. 51-2
 Gardy, Martin 51-4
 Gareen, Diane B. 54-1

 Gause, Ralph W. 53-1
 Gee, Russell O. 57-3
 Geiger, J. Theodore 57-2
 Geller, William 51-1
 Gemba, Teruo J. 52-3
 Gendel Edward 51-4
 Gendelman, Seymour 52-4
 Genvert, Harold 56-1
 Georgsson, Sverrir O. 56-3
 Gepfert, J. Randolph 53-1
 German, James L., III 53-2
 Gersh, Marvin J. 54-1
 Gershon, Anne A. 54-4
 Gershenson, Wilbur 52-1
 Gilbert, Joel H. 56-4
 Gilder, Helena 56-2
 Gill, Fred A. 51-4
 Ginsberg, Theodore M. 54-3
 Giombetti, Robert T. 54-3
 Gittler, Robert D. 51-4
 Given, William P. 53-1
 Gladstone, Wilma 53-4
 Glasberg, Herhert M. 55-2
 Glasner, Saul 55-2
 Glassman, Oscar 53-1
 Glatstein, Eli J. 52-4
 Glenn, Frank 56-1
 Globus, David L. 51-4
 Gluck, David 51-4
 Gluckman, Myron L. 55-2
 Glynn, Martin J. 53-2
 Gokhale, Shreekant V. 52-2
 Gold, Harry 51-4
 Goldberg, Doris K. 54-1
 Goldberg, Henry P. 53-3
 Goldin, Howard 52-3
 Goldman, Maurice E. 51-4
 Goldsmith, Edward I. 56-1
 Goldstein, George S. 54-2
 Goldstein, Wm. B. 54-2, 56-2, 3
 Goldstone, Robert A. 57-4
 Golosow, Nikolas 55-4
 Goodrich, Charles H. 51-2
 Goodyear, Stephen 54-2
 Gordis, Enoch 51-4
 Gordon, Dan M. 57-1
 Gordon, Sherman E. 55-4
 Gorham, George W. 51-2
 Gotta Alexander 50-2
 Gottlieb, Robert J. 52-4
 Gould, Richard B. 55-2
 Goulet, Anita H. 50-2
 Goulian, Dicran M., Jr. 58-2
 Grafe, William R., Jr. 56-2
 Greeley, Arthur V. 53-1
 Greenberg, Abby J. 54-2
 Greenberg, Saul S. 55-2
 Greenberg, Sidney M. 51-1
 Griffin, George D. 57-3
 Griswold, Merton L., Jr. 56-2
 Grode, Marshall L. 56-3
 Gross, Clara R. 51-4
 Gross, Joel M. 52-1
 Grossberg, Sidney E. 51-2
 Grossi, Margaret T. 54-1
 Grossman, Herman 54-1, 56-2
 Grossman, Seymour 51-4
 Gruber, Howard S. 54-3
 Grufferman, Seymour 54-3
 Guida, Peter M. 56-1

- Guion, Connie M. 50-2
 Guthrie, Keith O., Jr. 51-2
 Guthrie, Thomas C. 52-2
 Gwynn, Robert E. 52-4
- Habte, Demissie 54-3
 Hadfield, M. Gary 53-4
 Hadley, Susan J. 51-1
 Hagstrom, Jack W. C. 53-2
 Halpern, Mordecai 56-2
 Halsey, Hugh, II 53-2
 Halvorson, Edith P. 54-3
 Hamilton, Donald M. 55-1
 Hamilton, Francis J. 55-1
 Hanley, Marshall J. 51-4
 Haralambie, James Q. 53-3
 Haraway, Andrew W. 51-4
 Hardy, Robert E. 53-2, 53-4
 Hare, Clarence C. 55-4
 Harper, Thomas S. 55-1
 Harrar, James A. 50-2
 Harrington, Helen M. 50-2
 Harrington, Timothy R. 56-4
 Harris, Laurence S. 57-4
 Hattan, Richard E. 55-2
 Hatterer, Lawrence J. 54-2
 Hauptman, Martin A. 54-4
 Hayes, Arthur H. 52-3
 Hayes, Janet K. 51-4
 Hayes, Joseph G. 52-3
 Haynes, James M. 52-3
 Hays, Myran A. 53-4
 Hawks, Graham G. 53-1
 Heckman, Bernard A. 52-3
 Hedgepeth, Edw. M., Jr. 57-4
 Heilen, Robert J. 56-3
 Heimoff, Leonard L. 51-2
 Helfer, Lawrence S. 52-2
 Ilenjyoti, Edward Y. 56-4
 Henry, John R. K. 54-2
 Herbert, Philip S., Jr. 54-3
 Herrmann, Richard A. 51-2
 Hersh, Alexander 57-1
 Hertz, Daniel N. 55-4
 Hilgartner, Margaret W. 54-1
 Hinkle, Lawrence E., Jr. 51-1
 Hirsch, Anthony T. 54-4
 Hirschy, James C. 56-4
 Hnat, Richard F. 53-4
 Hobson, Lawrence B. 51-2
 Hochman, Raymond B. 51-4
 Hochstein, Elliot 51-1
 Hoehn, Robert J. 58-4
 Hofmann, Alan F. 51-4
 Hogben, George L. 55-4
 Hollenberg, Milton 51-2
 Holleran, Brent J. 56-3
 Holman, Cranston W. 56-1
 Holman, James M. 58-1
 Holswade, George R. 56-1
 Holtz, Helene 51-4
 Hook, Edward W. 51-1
 Hook, Richard M. 56-4
 Horger, Eugene L. 51-2
 Horowitz, Herbert I. 51-2
 Horwich, I. David 57-3
 Horwith, Melvin 51-1
 Hoskins, Donald W. 51-2
 Hotchkiss, Robert S. 58-1
 Howe, Suzanne A. L. 58-2
- Hradsky, Nadine S. 50-4
 Hudson, Leonard D. 52-3
 Hughes, John E. 54-2
 Hugo, Norman E. 58-2, 3
 Humphreys, Gustavus A. 58-2
 Hunt, Frederick C. 50-2
 Huntington, Charles G. 55-3
 Hurley, James R. 51-4
 Huston, Ann 50-2
- Inglis, Allan E. 57-2
 Insall, John N. 57-3
 Isaacs, George 52-3
 Isaacs, Norman J. 51-4
- Jackson, Daniel L. 54-4
 Jacobs, Bernard 57-2
 Jacobson, Abraham S. 51-4
 Jacobson, Jerry H. 57-2
 Janulis, Peter T. 54-2
 Jaslowitz, Bernard W. 51-4
 Jaspin, George 56-1
 Javert, Carl T. 53-1
 Jeffries, Graham H. 51-1
 Jernigan, Thomas P. 51-4
 Johnson, Donald G. 53-1
 Johnson, James P. 53-2
 Johnson, O. Adrian 56-3
 Johnson, Robert M. 52-3
 Johnson, Vansel S. 56-1
 Johnson, William D. 53-2
 Jones, John T. 52-3
 Jones, Thomas C. 52-3
 Josephson, Barry M. 51-4
 Joyner, Edmund N., III 53-3
 Junker, Barnett J. 50-2
- Kahn, Ivan J. 51-4
 Kaminsky, Neil I. 52-3
 Kammerer, William H. 51-2
 Kandell, Howard N. 54-2
 Kane, Francis D. 54-2
 Kara, Anna 51-4
 Karanas, Arthur 51-4
 Karl, Richard C. 56-1
 Karmason, Marilyn G. 54-3
 Karnofsky, David A. 51-4
 Karoll, Richard P. 53-3
 Kass, Aileen E. 50-2, 3
 Katz, J. Harry 51-2
 Kauer, George L., Jr. 51-1
 Kauer, Joseph T. 56-2
 Kaufman, Harold 55-4
 Kaye, Donald 51-2
 Kazan, Avraam T. 55-4
 Kean, B. H. 51-1
 Kearney, William F., Jr. 57-2
 Keating, George A. 55-3
 Keefer, Edward B. C. 56-2
 Keeley, Kim A. 55-4
 Keller, Karl E. 52-3
 Kellner, Aaron 53-1
 Kelly, Daniel G. 58-4
 Kelly, James T. 57-2
 Kelly, LeMoine C. 51-2
 Keltner, John L. 52-4
 Kemp, Harvey G., Jr. 52-2
 Kerr, M. Dorothea 54-3
 Kessler, Richard H. 51-4
 Kessler, Susan R. 51-4
- Keuhnelian, John G. 58-2
 Keutmann, Henry T. 52-3
 Khakoo, Yusuf 53-3
 Kilbourne, Edwin D. 51-1
 Killip, Thomas, III 51-1
 Killoran, Paul J. 56-2
 Kimball, John T., Jr. 51-4
 King, Hwa-Kou 50-3
 Kirkham, Frederic T., Jr. 51-1
 Kirkland, Henry B. 51-1
 Klein, Harvey 52-3
 Klein, Ludwig 52-3
 Klein, Neil C. 52-3
 Klein, Stuart W. 52-3
 Kleiner, Richard 54-3
 Klingon, Gerald H. 52-1
 Knapp, Robert C. 53-2
 Knight, Robert G. 55-4
 Kobayashi, Ronald M. 52-4
 Koenig, Hedwig 50-2
 Kohl, Richard N. 54-1
 Kolin, Irving S. 54-4
 Koontz, Warren W., Jr. 58-3
 Kossman, Richard J. 52-3
 Koteen, Herbert 51-2
 Koteen, Seymour M. 57-2
 Kotzen, Leroy M. 56-4
 Kramer, Elmer E. W. 53-1
 Kramer, Milton L. 51-1
 Krauss, Alfred N. 54-4
 Krayanek, David 54-4
 Kreek, Mary J. 52-3
 Kremer, Carl P., Jr. 54-1
 Kreuz, Leo E. 55-4
 Krikorian, John H. 54-4
 Krone, Charles L. 52-3
 Kugler, Margaret M. 54-1
 Kunz, Harold G., Jr. 56-4
- Lacy, George M. 58-3
 La Due, John S. 51-2
 Laino, Peter L. 57-4
 Lambrew, Costas T. 51-2
 Lampe, Ernest W. 56-1
 Landau, Samuel 52-2
 Landesman, Robert 53-1
 Landolt, Allison B. 54-2
 Langstadt, John R. 53-2
 Lanzkowsky, Philip 54-3
 Laufer, Ludwig G. 54-2
 Lavengood, Russell W., Jr. 58-2
 La Venuta, Ferdinand 58-4
 Lawrence, Jerome 57-1
 Lawrence, Walter, Jr. 56-2
 Leach, Charles N., Jr. 52-3
 Leddy, Joseph P. 56-4
 Leder, Harold L. 51-4
 Ledwith, James W. 51-4
 Lee, James R. 56-4
 Lee, John E. 52-3
 Lee, Richard E. 51-2
 Lee, Robert E. 55-3
 Lee, Sin Hang 53-4
 Leeper, Robert D. 51-2
 Leighton, Alexander H. 54-1
 Lese, Leo R. 51-4
 Lesneski, Albert C. 53-4
 Leswing, Richard J. 51-4
 Levine, Lenore S. 54-2
 Levine, Milton I. 53-1
- Levine, Samuel Z. 50-2
 Levitt, Barrie 51-4
 Levy, Bruce C. 51-4
 Lewis, Alfred B., Jr. 54-2
 Lewis, Charles M. 51-4
 Lewis, Frank L. 55-4
 Lewis, George M. 50-2
 Lewis, Ralph J. 56-3
 Lewisohn, Marjorie G. 51-4
 Ley, Allyn B. 51-1
 Lhamon, William T. 54-1
 Liang, Edward Y. 54-2
 Lieber, Charles S. 51-1
 Lieberman Jerrold S. 51-2
 Liebolt, Frederick L. 57-1
 Liggett, Byron T. 52-4
 Lim, Wan N. 54-1
 Lincoff, Harvey A. 57-2
 Lindner, Marianne 52-3
 Lintz, Robert M. 51-1
 Lipkin, Mack 51-1
 Lipkin, Martin 51-2
 Lissauer, Charlotte 54-1
 Litt, Iris F. 54-4
 Littell, Andrew H. 53-2
 Livingston, Robert M. 53-2, 4
 Lloyd, William B., III 52-3
 Loeb, Laurence 55-1
 Loehr, Walter J. 56-3
 Loring, Marvin F. 56-2
 Louis, Sidney 52-3
 Louria, Donald B. 51-3
 Lo Verme, John 51-4
 Lowe, Luther B., Jr. 52-3
 Lubash, Glenn D. 51-3
 Luckey, E. Hugh 51-1
 Luger, Norton M. 51-3
 Lukas, Daniel S. 51-1
 Lulow, William V. 54-2
 Lum, Lincoln 56-3
 Lund, Melvin G. 56-3
 Luparello, Thomas J. 54-2
 Lustgarten, Gary J. 56-4
 Lyon, Mary Lou 52-4
- Macfarlane, J. Ralph 56-3
 Macfee, William F. 50-2
 Macris, Nicholas T. 51-4
 Madenwald, Malcomb B. 54-4
 Magida, Melville G. 54-2
 Magidson, James S. 56-2
 Maggio, Louis J. 50-2
 Mamelok, Alfred E. 57-3
 Manahan, Manon G. 50-3
 Mandell, Gerald L. 52-3
 Mann, Edward C. 53-2
 Mannix, Henry, Jr. 56-1
 Marbury, Benjamin E. 50-1
 Marchand, John F. 51-4
 Marchisello, Peter J. 57-2
 Marciano, Mark R. 51-4
 Marcus, Cyril C. 53-2
 Marcus, Stewart L. 53-2
 Marder, Michael Z. 57-3
 Markham, Mark H. 58-2
 Markham, Sanford M. 53-4
 Marquis, James R. 56-2
 Marsden, Phillip D. 51-3
 Marshall, Florence N. 53-3
 Marshall, Victor F. 58-1

INDEX TO PROFESSIONAL STAFF MEMBERS

- Martens, Frederick W. 53-2
 Mason, Joseph B. 57-3
 Masterson, James E., Jr. . .54-1
 Mascia, Armond V. 54-1
 Mastrovito, Rene C. 54-3
 Match, Ronald M. 57-3
 Matteucci, Raymond C. . .56-4
 Mattucci, Kenneth F. . . .56-3
 Mautalen, Carlos A. 52-3
 Mayer, Klaus 51-4
 Mayer, Victor 57-2
 McCarroll, James R. 51-3
 McCarthy, Thomas C. . . .56-4
 McCleary, Paul H. 53-4
 McCombs, A. Parks 51-1
 McCormack, Richard R. . .51-3
 McCracken, Geo. H., Jr. . .54-4
 McCrory, Wallace W. . . .53-1
 McCune, Robert M., Jr. . .51-3
 McDermott, Walsh 51-1
 McDevitt, Ellen 51-2
 McDowell, Fletcher H. . .52-1
 McGovern, J. Bruce 56-3
 McGovern, John H. 58-2
 McGovern, Robert G. . . .53-3
 McGowan, Frank J. 50-2
 McGowan, Lillian E. . . .54-3
 McGrath, John F. 54-3
 McGrath, N. Eileen 51-4
 McGrew, Herbert E. 55-2
 McGuire, Thomas F. . . .56-4
 McHugh, Paul R. 52-2
 McIlveen, Marion 54-1
 McIvor, John W. 58-4
 McKaba, Donald G. 52-3
 McKinley, Robert A. 55-1
 McKinney, Peter W. 58-4
 McKnight, William K. . . .55-1
 McLane, Charles M. . . .53-1, 56-2
 McLaughlin, Robert R.M. .55-3
 McLean, John M. 57-4
 McLellan, Allister M. . . .55-4
 McLellan, Fred. C. . . .53-3, 58-2
 McLemore, George A., Jr. .51-3
 McQuarrie, Irvine G. . . .56-4
 McShane, Richard H. . . .56-3
 McSherry, Charles K. . . .56-2
 Mead, Allen W. 51-3
 Mead, Philip B. 53-4
 Melchionna, Robert H. . .51-2
 Mellors, Robert C. 53-1
 Melnick, Robert N. 53-2
 Merkat, Irwin R. 53-3
 Merten, Charles W. 56-2
 Meyer, James H. 52-3
 Michael, Stanley T. 54-2
 Middleton, Richard G. . .58-4
 Milhorat, Ade T. 50-3
 Milhorat, Thomas H. . . .56-3
 Miller, Richard W. 52-3
 Miller, Orlando P. 57-4
 Minick, C. Richard 53-2
 Miscall, Brian G. 56-3
 Mitty, Virginia C. 54-1
 Mizrachi, Matilde 52-2
 Modaber, Parvaneh 50-4
 Modell, Walter 51-4
 Molander, David W. 52-1
 Monahan, George R. 50-2
 Mongeau, Jean G. 54-3
- Monteith, James C. 55-4
 Montimurro, Joseph A. . .55-3
 Moore, James A. 58-1
 Moore, Holland V. 56-3
 Moore, Samuel W. 56-1
 Moorhead, Harry H. . . .55-1
 Morgenthau, Joan E. . . .54-1
 Moritz, Timothy B. 55-4
 Morrison, Myles C. 53-3
 Morrissey, Kevin P. 56-4
 Mott, Walter W. 55-4
 Mountcastle, Walter E. . .52-3
 Mouradian, Janet A. . . .53-4
 Muecke, Edward C. . . .58-3, 4
 Mueller, George C. 58-1
 Mujahed, Zuheir 56-2
 Muller, Walter J., III . . .55-2
 Murphy, George E. 53-1
 Murphy, John J. 56-4
 Murphy, Joseph M. 56-4
 Murphy, Richard E. 53-4
 Murphy, Willis A. 51-3
 Muschenheim, Carl 51-1
 Myers, Wayne A. 55-1
 Myers, W. P. Laird 51-3
- Nachman, Ralph L. 51-3
 Nachtigall, Henry B. . . .52-1
 Nagler, Willibald 52-3
 Nakamoto, Masao 53-3
 Nathanson, Bernard N. . .53-2
 Nathanson, Joseph N. . . .50-3
 Neumann, Karl 54-2
 New, Maria I. 54-1
 Nicholas, James A. 57-2
 Nickel, William F., Jr. . . .56-1
 Norsa, Luigia 52-2
 Notterman, Rebecca F. . .54-1
 Nydick, Irwin 52-3
 Nydick, Martin 52-1
- O'Brien, Barbara E. 55-2
 O'Connell, Daniel J. . . .55-4
 Ogilvie, John B. 56-2
 O'Grady, William P. . . .56-4
 Okinaka, Arthur J. 56-2
 Okuda, Minoru 53-4
 Olcott, Charles T. 50-3
 Oliver, Caldwell H., Jr. . .56-4
 Olivier, Normand E. . . .52-1, 3
 O'Neil, Jane F. 55-2
 O'Neil, Patricia M. 50-2
 O'Neill, Earl A. 56-2
 Opie, Eugene L. 50-3
 Oppel, Theodore W. 51-1
 O'Regan, Charles H. . . .50-3
 Orme, S. Kirby 56-3
 Orr, Walter J. 55-2
 Ostrolenk, David G. 56-2
- Pachter, Maurice 55-1
 Panter, Gideon G. 53-3
 Park, Benjamin S., Jr. . . .56-3
 Parke, William M., Jr. . . .55-3
 Parsons, Herbert 57-2
 Parsons, John M. 56-3
 Pascual-Poblote, E. C. . . .54-4
 Patterson, David W. 57-2
 Patterson, Russel H. . . .50-3, 57-2
 Patterson, Russel H., Jr. .57-1
- Pavel, Alan 57-3
 Payne, Mary Ann 51-2
 Pazianos, Artemis G. . . .51-3
 Peightal, Thomas C. . . .55-3
 Penick, Sydnor B., III . . .52-1
 Peretz, Walter L. 57-3
 Perkins, Richard 52-1
 Perreault, Jean P. 58-4
 Perrone, Francis S. 51-3
 Perry, Herbert S. 56-3
 Peter, William J. 54-2, 4
 Peters, Ruth D. 54-2, 4
 Peterson, Hart de C. . . .52-2, 54-2
 Peterson, Kirk L. 52-3
 Peterson, Ralph E. 51-2
 Peterson, S. Keith 52-2
 Pezzulich, Robert A. . . .56-4
 Phillips, Raymond E. . . .52-1
 Philson, Arthur D. 52-1
 Piccaro, Ernest R. 57-2
 Pierce, Virginia K. 53-3
 Pindyck, Johanna 52-3
 Pino, Robert S. 54-4
 Pitkin, Olive E. 54-1
 Pitman, John M., Jr. . . .56-3
 Platt, Melville A. 53-3
 Plaut, Andrew G. 52-3
 Plum, Fred 52-1
 Plummer, Norman 51-3
 Poblete, Vincent F. 53-3
 Pomeranz, Virginia E. . . .54-2
 Posner, Jerome B. 52-2
 Potor, Aurelia 52-1
 Poundstone, Robert B. . . .55-2
 Powell, James B. 53-4
 Preisler, Harvey D. 52-4
 Prince, Irvin B. 57-3
 Pritchett, R. A. Rees 51-2
 Prokop, James D. 57-4
 Prout, Curtis T. 55-1
 Prunier, John H. 52-1
 Putnam, John J. 57-2
- Queenan, John T. 53-3
 Quen, Jacques M. 55-1
 Quetel, Thomas 53-4
- Raff, Martin J. 52-4
 Raine, Alan C. 55-2
 Raksin, Irving J. 57-4
 Raleigh, James W. 51-3
 Rana, Bhupinder S. 58-4
 Ranzenhofer, Edwin R. . .55-1
 Rao, B. Sheila 52-2
 Rapkin, Richard H. 54-2
 Rappaport, Irwin 54-4
 Ray, Bronson S. 55-4, 57-1
 Raymond, Edward A. . . .55-4
 Raziano, Joseph V. 53-4
 Reader, George G. 51-1
 Redler, Lance D. 52-4
 Redo, S. Frank 56-1
 Reed, Racheal K. 55-2
 Rees, J. Richard 56-3
 Reese, Martha K. 55-1
 Reeves, Alexander G. . . .52-4
 Reiman, Reuben H. 54-2
 Reiss, Donald J. 52-2
 Reisch, Milton 52-1
- Reiss, Sanford M. 52-1
 Remen, Rachelle N. 54-4
 Remler, Anna M. 55-1
 Reynolds, Herbert Y. 52-4
 Reznikoff, Paul 50-3
 Ribble, John C. 51-3
 Richard, Jack 51-3
 Richnak, Louis, Jr. 55-2
 Richter, Goetz W. 53-1
 Riggins, Robert C. K. . . .52-2
 Rigney, Thomas G. 52-1
 Riley, Edgar A. 51-3
 Ringland, Joseph 53-4
 Rinzler, Seymour H. 52-1
 Risk, Abraham 53-4
 Rives, Kathleen L. 52-1
 Rizzo, Peter C. 57-2
 Rizzo, Thomas D. 57-3
 Robbins, David B. 55-2
 Robbins, Philip S. 54-2
 Robbins, William C. 51-2
 Roberts, Thomas N. 51-3
 Robinson, Theodore 56-2
 Robischon, William H. . . .53-4
 Rockwell, Fred V. 54-1
 Rodrigues, Louis P. 54-4
 Rogoff, Bernard 52-1
 Romas, Christos 56-4
 Roseman, David M. 51-3
 Rosenfeld, Isadore 51-3
 Rosenfeld, Martin J. . . .54-4
 Rosh, Melvin S. 54-2
 Ross, Albert M. 52-3
 Rost, Dwight D. 56-4
 Rothbard, Sidney 51-2
 Rowan, George P. 57-4
 Rubenstein, Melvin 51-3
 Rubin, Albert L. 51-2
 Rubin, Allan B. 54-4
 Rubin, Walter 52-1
 Rudd, Emmanuel 52-1
 Rudd, Lucie L. 54-2
 Ruegger, Paul 52-2
 Ruskin, Richard A. 53-3
 Rutgers, Carol F. 52-3
 Ryan, Donald K. 56-4
 Ryan, Gerard F. 53-4
 Ryan, Robert M. 56-4
 Ryan, S. Francis 53-3
- Sackett, Nelson B. 53-1
 Saffran, Richard 52-2
 Sakati, Isam A. 58-4
 Salans, Lester B. 52-1
 Sallick, Richard M. 55-4
 Samios, George 54-2
 Samios, Nicholas 55-2
 Sande, Merle A. 52-4
 Sanford, Edgar J. 56-4
 San Miguel, Richard H. . .54-4
 Santen, Richard J. 52-4
 Santos, George P. 57-3
 Sasseville, Real 58-3
 Saville, Paul D. 51-3
 Sayers, Ross V. 52-1
 Schaefer, George 53-1
 Scherer, Lawrence 52-1
 Scherr, Stuart C. 52-3
 Scherr, Lawrence 51-3
 Scherzer, Alfred L. 54-4

- Scheuing, Marilyn R. 55-1
 Schiavi, Raul C. 55-3
 Schiebler, John C. 56-4
 Schlaepfer, William W. 53-3
 Schmidt, John G. 56-1
 Schmidt, J. Kenneth 57-3
 Schneider, William J. 52-3
 Schoelly, Marie L. 54-2
 Schoenholtz, Jack C. 55-2
 Schreiber, Howard 54-2
 Schulman, Jerome L. 51-3
 Schuyler, Leonard H. 51-3
 Schwanderla, Edward A. 55-3
 Schwartz, Ernest 51-3
 Schwartz, Jerold 50-2
 Scott, William R. 52-4
 Scovel, Frederick G. 52-1
 Seah, Cheng-Hock 50-4
 Seed, William T. 54-3
 Seelye, Edward E. 55-2
 Segaul, Robert M. 56-4
 Seixas, Frank A. 52-1
 Seligmann, Arthur W. 51-3
 Sengelmann, Robert P. 56-4
 Seward, John H. 58-4
 Seybolt, John F. 53-2
 Shafer, Donald M. 57-2
 Shafton, Eugene P. 52-4
 Shagan, Bernard P. 52-4, 54-2
 Shapiro, Robert G. 53-4
 Shapiro, David 52-2
 Shapiro, William R. 52-3
 Sharp, Vernon H. 54-2, 55-4
 Sheard, Charles, III 51-3
 Shepard, Edward M. 51-3
 Shera, W. Robert 55-4
 Sheridan, Wallace M. 55-4
 Sherlock, Paul 51-3
 Sherwin, Albert C. 54-1
 Shibuya, Madoka 54-1
 Shields, Joseph D., III 52-4
 Shinefield, Henry R. 53-3
 Shoplin, Baron A. 55-4
 Shuber, Jack 53-4
 Silver, Richard T. 51-3
 Silverman, Frederick 53-3
 Silverman, Gerald M. 51-3
 Simons, Donald J. 52-1
 Sinclair, Harry A. 52-1
 Skelton, Jay B. 53-3
 Skowronski, John R. 53-4
 Skudder, Paul A. 56-2
 Slater, Beatrice S. 54-2
 Slater, Ralph A. 55-2
 Sleisenger, Marvin H. 51-1
 Smillie, Wilson G. 50-3
 Smith, Arthur M. 56-4
 Smith, Barry D. 53-4
 Smith, Carl H. 50-3
 Smith, Carter, Jr. 52-4
 Smith, David I. 54-2
 Smith, E. Fletcher 53-2
 Smith, Frank R. 50-3
 Smith, James P., Jr. 52-4
 Smith, James W. 58-2
 Smith, Martha L. 54-1
 Smith, William G. 55-3
 Snart, Alan G. 52-1
 Sneed, Gary A. 55-2
 Snodgrass, John J. 56-2
 Snyder, Stuart S. 57-2
 Sobel, Michael V. 52-4
 Sobin, Leslie H. 53-3
 Sohn, Yung J. 50-4
 Solomon, Gail E. 54-4
 Soloway, Josef 54-3
 Sonel, Ahmet 52-4
 Sonenberg, Martin 52-2
 Song, Chull S. 52-1
 Sonkin, Lawrence S. 51-3
 Speer, David S. 56-2
 Spencer, Charles D. 52-4
 Spencer, James H., Jr. 55-1, 3
 Spielman, Aaron D. 51-3
 Spinelli, Anthony N. 58-3
 Spritz, Norton 51-2
 Squires, Franklin A. 55-4
 Squires, Willard H. 52-1
 Stafford, Gerald E. 54-1
 Stahl, Donald C. 57-4
 Stalder, George A. 52-2
 Stamatov, John A. 55-3
 Stanton, Edward F. 53-2
 Stassa, George 56-2
 Steadman, E. Thomas 53-3
 Stein, Harry L. 56-2
 Stein, Marvin 54-1
 Steinberg, Charles R. 52-4
 Steinberg, Herman 51-3
 Steinberg, Israel 51-2, 56-2
 Steinhart, Melvin J. 55-4
 Stenzel, Kurt H. 51-3
 Stern, Gertrude S. 53-3
 Stern, Peter H. 52-1
 Stevens, Alexander R. 50-3
 Stewart, Fred W. 50-4
 Stewart, Harold J. 50-4
 Stewart, William L. 55-2
 Stillerman, Maxwell 54-1
 Stimson, Philip M. 50-4
 Stockheim, Michael S. 55-2
 Stoesser, Sara A. 52-4
 Stokes, Peter E. 51-2
 Stone, Richard W. 51-3
 Stone, William J. 52-1
 St. Pierre, Raymond 58-4
 Strasser, Harold S. 57-4
 Straub, Lee R. 57-1
 Straub, Leonard R. 54-2
 Strickler, James C. 51-3
 Stringfellow, Charles A. 52-4
 Struthers, Jacqueline 56-4
 Struve, John F. 58-2
 Stubenbord, Wm. D. 51-3, 55-3
 Stubenbord, William T. 56-4
 Sullivan, John E. 56-2
 Sullivan, John L. 56-2
 Sullivan, Joseph D. 54-2
 Susman, David G. 50-2, 4
 Swan, Kenneth G. 56-4
 Sweeney, William J., III 53-1
 Swift, Katharine 53-1, 55-4
 Taintor, Zebulon C. 55-4
 Tamlyn, Thomas T. 52-1
 Tang, James S. 54-3
 Taylor, Charles N. 55-2
 Taylor, Irvin S. 57-3
 Temple, Harold L. 56-1
 Terranova, Rosemary 53-4
 Terry, Stephen 53-4
 Testa, Michael L., Jr. 50-3, 4
 Thal, Nathan 55-1
 Theodor, Rachel 54-3
 Theodor, Emanuel 52-4
 Thiheault, Donald W. 54-3
 Thieman, Phillip W. 56-4
 Thompson, David D. 51-1
 Thompson, T. Campbell 57-1
 Thorbjarnarson, Bjorn 56-1
 Tiedemann, Richard N. 56-4
 Timpanelli, Alphonse E. 51-2
 Todd, Jean E. 53-2, 56-2
 Tolins, Peter S. 54-1
 Tolstoi, Edward 50-4
 Topkins, Marjorie J. 50-1
 Torack, Richard M. 53-2
 Torre, Douglas P. 51-2
 Torsney, Jerome M. 54-2
 Traube, Sylvia G. 54-2
 Travell, Janet 52-1
 Travis, Lewis N. 52-4
 Trebowski, Theodore E. 57-3, 4
 Tripp, Cecil de W. 52-4
 Troy, Bart L. 52-4
 Tucker, Garrett R., III 56-4
 Tucker, Kenneth F. 54-2
 Tunner, William S. 58-4
 Turpin, Delilah L. 54-4
 Tuttle, Thomas L. 52-4
 Tyndall, Marian 55-3
 Ubogy, George A. 52-4
 Urffer, Paul A. 56-4
 Vadeika, Edward A. 55-1
 Van der Decker, John D. 52-4
 Van Allen, Traer 55-1
 Van Nostrand, Edgar L. 55-2
 Van Poznak, Alan 50-1
 Veith, Frank J. 56-2
 Verges-Flaque, Albert 58-3
 Vitori, Eugene F. 55-2
 Voeller, Kytja K. 54-4
 Vorhaus, Louis J., II 51-3
 Wade, Preston A. 56-1
 Wadler, Gary I. 52-4
 Wadsworth, Morton L. 54-3
 Wagner, Lewis C. 50-4
 Wainardi, Harold R. 52-1
 Wainwright, William 54-1
 Walden, William D. 53-3
 Wall, James H. 50-4
 Wallis, Lila A. 51-3
 Wallis, William E. 52-4
 Walsh, John H. 52-4
 Wanderer, Alan A. 54-4
 Wantz, George E. 56-1
 Warner, Nathaniel 54-1
 Warren, Porter H. 55-2
 Wasterlain, Claude 52-4
 Watkins, George M. 56-4
 Watson, Barraud J. 50-4, 55-4
 Watson, Carolyn W. 53-3
 Watson, Harold K. 57-4
 Watson, Robert F. 51-1, 56-3
 Watson, Robin C. 56-3
 Watters, Win H. 55-4
 Wayne, Henriette L. 54-3
 Weaver, Dean H. 56-4
 Weber, Edward W. 55-3
 Webster, Bruce P. 51-2
 Wehner, Nancy S. 56-4
 Weiman, Clinton G. 51-3
 Weingarten, Seth M. 56-4
 Weingram, Judith 50-4
 Weinroth, Jerome R. 50-2
 Weisbueh, Irwin 52-2
 Weiss, Alvah M. 54-1
 Weitzman, Elliott L. 54-1
 Weld, Francis M. 52-4
 Wells, Aaron O. 51-3
 Werden, Virginia 53-3
 Werner, Anthony S. 52-1
 Weser, Elliot 51-3
 West, John P. 56-1
 Weymuller, Charles A. 50-4
 Weymuller, Louis E. 53-3
 Whayne, Thomas F. 52-4
 Wheat, William D. 54-3
 Wheatley, Marjorie A. 54-1
 White, Henry G., Jr. 57-4
 White, Stephen 56-1
 White, William A. 57-4
 Whitfield, Randolph, Jr. 56-4
 Whitman, Victor 54-4
 Whitmore, Willet F., Jr. 58-1
 Whitney, Alden E. 55-2
 Whitsell, John C., II 56-2
 Wieche, Robert E. 53-3
 Wierum, Carl 52-1
 Williams, Byard 52-2, 55-3
 Williams, John R. 58-2
 Williamson, Peter D. 52-4
 Wilson, Florence A. 52-1
 Wilson, May G. 50-4
 Wilson, Peter G. 54-3
 Wilson, Philip D. 50-4
 Wilson, Philip D., Jr. 57-2
 Winchester, Robert J. 52-4
 Winick, Myron 54-1
 Winston, A. L. 51-3
 Wolfe, Richard D. 56-4
 Wolfson, Edward A. 52-1
 Wong, Michael M. 51-3
 Woodruff, James M. 53-4
 Woodruff, Judith J. 52-4
 Worthen, Howard G. 53-3
 Worthington, Edward L. 52-1
 Wright, Irving S. 51-1
 Wroblewski, Felix 52-1
 Yadley, Richard A. 52-4
 Yapalater, Alvin R. 55-1
 Yormak, Stanley S. 52-4
 Young, Alexander W., Jr. 51-3
 Young, Robert C. 52-4
 Yu, Peter Wei-Ting 50-2
 Zahn, F. Darwin 56-4
 Zakheim, Richard M. 54-4
 Zakim, David 52-1
 Zinn, Stephen A. 56-4
 Zipper, Howard D. 56-4
 Zipser, Stanley S. 53-3
 Zito, Joseph J. 57-3
 Zweifach, Philip H. 57-4

A Gift to the New York Hospital . . .

. . . gives aid to the ill and distressed, supports programs which educate doctors for the future and makes possible research to stamp out disease. Thus it both helps people here today and generations yet unborn.

Truly it can be said that a gift or legacy to the Hospital casts a light that shines down the years, beyond a lifetime.

LEGACIES greatly aid the Hospital in its work of caring for the sick and advancing medical knowledge. The beneficiary should be specified as "The Society of the New York Hospital."

ENDOWED BEDS are a unique way of making a presentation to the Hospital. A bed may be endowed by a donation to the general funds of The Society of not less than ten thousand dollars (\$10,000). Donors are accorded permanent recognition by the inscription of their names on the stone wall tablets of the Hospital's corridors, and by listing in the Annual Reports of The Society in perpetuity.

MEMORIAL GIFTS of any amount enable the Hospital to share, with those who have been bereaved, in the commemoration of their loved ones. Donors of memorial gifts to the general funds of The Society of not less than ten thousand dollars (\$10,000) may create a permanent tribute through the inscription of the memorial on the stone wall tablets of the Hospital's corridors.

The Secretary-Treasurer of The Society of the New York Hospital will be glad to supply details of these and other gift opportunities in this great institution for humanitarian service.



THE SOCIETY OF THE NEW YORK HOSPITAL

ANNUAL
REPORT
1966





The New York Hospital
is a voluntary, non-profit institution,
operated as a community service by
The Society of the New York Hospital,
525 East 68th Street, New York, N. Y. 10021

THE SOCIETY OF THE NEW YORK HOSPITAL

Officers and Governors of the Society	2
Standing Committees	39
Officers of the Women's Auxiliary	40
Officers of the Ladies' Auxiliary	40
Administrative Officers	40
Report of the President	3
Report of the President of the Center	5
Report of the President of the	
Medical Board	7
The Kidney Transplant Program	9
Anesthesiology	13
Medicine	14
Neurology	17
Obstetrics and Gynecology	18
Pathology	20
Pediatrics	21
Psychiatry	24
Radiology	28
Surgery	30
Report of the Director	32
Report of the Nursing Service	35
Report of the Women's Auxiliary	37
Financial Statements	41
Donors to the Society	46
Legacies	48
Endowed Beds	49
Professional Staff	51
Index to Professional Staff	60

ANNUAL REPORT / 1966

The Society of the New York Hospital

Standing Committees: See page 39

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Report of the President

KENNETH H. HANNAN

THE past several years at The New York Hospital have been times of change and 1966 was no exception. In fact, it can be said that the past year marked the end of an era during which the Hospital and its affiliated units attained the status of a Medical Center. Therefore, it seems appropriate to relate here the changes in organization that took place during the year.

Dr. Joseph C. Hinsey, Director of the Center, retired on June 30, 1966, following thirty years' service. His wise and thoughtful counsel played a large role in the creation of the Medical Center as it is today. Fortunately he will continue to serve as a Consultant in the Center. Dr. Hinsey was succeeded by Dr. E. Hugh Luckey, who relinquished his post as Physician-in-Chief to become President of the Center, a new office created by the Joint Administrative Board. Having served as Dean of the Cornell University Medical College from 1954 to 1957 and Physician-in-Chief of the Hospital since that time, Dr. Luckey is uniquely qualified for the expanded role of President of the Center, encompassing the relationships of the growing members of our medical community.

Dr. Henry N. Pratt retired at the end of the year after serving as Director of the Hospital for eighteen years. His devoted service and imaginative administration during the difficult postwar period will long be remembered by all associated with him, both in the Medical Center and in the community of hospitals generally. Dr. Pratt has been named an Honorary Governor of The Society of the New York Hospital. Dr. David D. Thompson succeeds Dr. Pratt as Director of the Hospital. Dr. Thompson received his medical degree from Cornell Uni-

versity Medical College in 1946 and has been on the Hospital staff since that time. Dr. Thompson also assumes the post of President of the Medical Board, a position which Dr. Frank Glenn, Surgeon-in-Chief of The New York Hospital, is relinquishing after ten years. Dr. Glenn's vigorous chairmanship and wise guidance contributed greatly to the achievements of the Board during the past decade.

Dr. August H. Groeschel will assist Dr. Thompson in the new post of Administrator of the Hospital. Dr. Groeschel holds degrees in hospital administration as well as in medicine and has served the Hospital since 1954 in the position of Associate Director of Professional Services.

Dr. Alexander G. Bearn was appointed Physician-in-Chief of the Hospital and Professor and Chairman of the Department of Medicine. He was previously a Professor at Rockefeller University and Senior Physician at Rockefeller University Hospital, where he specialized in genetics research. His medical degree is from the University of London and he is a member of the Royal College of Physicians of Edinburgh and the Royal College of Physicians of London.

During the past year, Miss Louise Stephenson retired from her position as Director of Nutrition which she had held for twenty years. Miss Stephenson's successor is Miss Esther Mackereth, who has been associated with the Hospital in several capacities since 1955. Mr. John H. Keig retired as Comptroller of The Society of the New York Hospital after twenty-eight years of service and was succeeded by Mr. George J. McBride who has been on the Hospital staff since 1932.

THE NEW YORK HOSPITAL

- Was chartered in 1771
- Has cared for almost five million patients
- Provides 1,567 beds and bassinets
- Is staffed by more than 1200 doctors
- Is maintained by The Society of the New York Hospital, a voluntary institution

The Hospital is fortunate in these new appointments as they come at a most crucial time. Recent events clearly indicate that hospitals face a future considerably different from the past. New Federal and State legislation and changes in the administration of patient care promise to alter traditional patterns in the years ahead. Although these developments indicate a new and expanding role for hospitals, they pose new challenges to those responsible for the operation of the teaching hospitals.

There are no blueprints which will afford an easy solution to these problems. Consequently, we must rely on the judgment and competence of our staff if we are to retain the standards of excellence which have been established with such dedication for almost two hundred years.

In view of these urgent demands upon our energies and resources, it is indeed heartwarming to announce the recent magnificent accomplishments of the drive for the Fund for Medical Progress. This effort succeeded in raising a total of \$60,875,000 for the purpose of securing endowed support and enlarging the Center's facilities. This great achievement on behalf of our Center and medical community owes much to many individuals, conspicuous among them the Hon. John Hay Whitney,

Chairman of the Fund Steering Committee, and Mr. Frederick K. Trask, Jr., during whose five years of presidency the drive was initiated and carried to a successful conclusion. On September 21, 1966, the Joint Administrative Board approved the formation of a Capital Gifts Committee which will continue the systematic solicitation of capital funds in support of the combined needs of the institutions comprising The New York Hospital-Cornell Medical Center.

During the year, ground was broken for construction of the William Hale Harkness Medical Research Building, and construction proceeded on the Laurence G. Payson House. The latter was seriously impeded by a borough-wide industrial dispute in the plumbing industry of over five months' duration and still not concluded at the year's end.

While Mr. Frederick K. Trask, Jr. has completed his term of office as President of the Society, he continues as Chairman of the Executive Committee and Chairman of the newly created Capital Gifts Committee. The Board of Governors regretfully accepted the resignation of Mr. Cornelius N. Bliss, Jr., who has moved his residence to the State of Maryland. Mr. Bliss had served continuously as a Governor since 1950, following in his family's tradition of devoted service to the affairs of the Society; fortunately, he continues as an Honorary Governor. The Society lost an honored and esteemed colleague in the death of Mr. Barklie McKee Henry, an Honorary Governor since 1956. Mr. Henry was a member of the Board of Governors from 1932 until 1956, served four terms as Vice-President, and was President of the Society during 1940. His was an invaluable contribution and he will be greatly missed.

I wish to express my gratitude to my fellow members of the Board of Governors and the Joint Administrative Board of the Center for their assistance in 1966, during my first year in office.

Report of the President of the Medical Center

E. HUGH LUCKEY, M.D.

THE year 1966 was an eventful, challenging one at The New York Hospital-Cornell Medical Center.

Someone has said that all times are critical in an institution such as ours—but some times are more critical than others. Certainly one cannot conceive of more formidable challenges to Medical Centers than those posed in the last

year by implementation of the Public Laws known popularly as Medicare and Medicaid, the Federal program for Heart, Cancer, and Stroke regional care plans, and the changing attitudes of the community towards hospital-medical school complexes such as The New York Hospital-Cornell Medical Center.

Throughout its rich history The New York

The William Hale Harkness Medical Research Building, now under construction, is shown in the unshaded portion of this architect's drawing.



Hospital has been more than a hospital. Conceived as a teaching institution, it has always maintained a balanced program of extraordinary patient care in an interdependent educational environment. Teaching and learning and the critical inquiry that research requires contribute greatly to the sort of exemplary patient care that centers such as ours must provide. And conversely, a vital medical educational program requires the precept of outstanding patient care. This balance requires careful design, continuing attention and even defense for many influences tend to distort it. The effects on our programs of the new patterns of payment for patient care are not yet clear.

A "model" patient is used to instruct a young doctor in the treatment of bone fractures.



Much of the time of the Boards and Staff has been spent, during the year, in designing means of accommodating these drastic changes without distorting the balance and character of our patient care, teaching and research activities in the Center. And it is clear that it will require imaginative and sensitive planning to avoid such distortion.

The New York Hospital-Cornell Medical Center is a community institution. Everything we do—patient care, teaching and research—is a community responsibility. But the community we serve is changing its attitudes towards our obligations, making new demands for our further involvement in the local health care system. As we view these demands, our ability to make our choices intelligently and sensibly depends greatly on the voluntary non-profit hospital tradition, its history of basic private support, strong administrative leadership and an informed responsive Governing Board. For the problems we face are formidable enough even with such a strong base for our decisions.

The association of The New York Hospital and Cornell University Medical College at the Medical Center is the central one of several strong ties between the several institutions in which Cornell is the cohesive force. The Hospital for Special Surgery constitutes in effect the orthopedic and rheumatic disease services of the complex. The Memorial Sloan-Kettering Center represents one of the world's outstanding institutions for work in cancer and allied diseases.

Together this community of institutions spends nearly one hundred million dollars a year in the health field. Such a commitment carries the obligation that we share resources and work together when we can do things better together. During the year there was renewed effort to join together to spread our strengths and correct our weaknesses. The future is bright for further more effective co-ordinated effort.

Report of the President of the Medical Board

FRANK GLENN, M.D.

THE past year has been one of major accomplishments in the fight against disease and disability continuously waged at The New York Hospital. The impressive achievements of the kidney transplant program are highlighted in the opening pages of this Report. This program is not only saving lives which would otherwise be lost; it is a venture into the uncharted field of organ transplantation which holds out dazzling prospects for treatment of many hitherto incurable conditions.

Other highlights in the reports which follow include a new surgical method for treating and studying schistosomiasis, a parasitic disease affecting an estimated 200 million people throughout the world, and further development of the techniques of cryosurgery in treatment of various complicated eye conditions.

The Department of Medicine reports gains in the treatment of heart disease, with a significant lowering of the mortality rate of patients in the Coronary Care Unit, and the successful employment of cardiac arrest teams which have proved their value in coping with such emergencies.

The Department of Obstetrics and Gynecology is concentrating on the early detection and improved care of high-risk maternity patients, and has introduced to this end such advanced techniques as hormone assays and study of the amniotic fluid.

Child patients of the Hospital are being served by newly expanded clinical laboratory facilities in the Department of Pediatrics; these perform such vital functions as cardiac catheterization, a prerequisite of heart surgery,

ultra microchemical analyses, and study of endocrine conditions.

The Department of Radiology reports an increase of 35 per cent in the volume of diagnostic radiology performed over the past decade. Recent advances in this field, such as angiography, have supported the advances made in heart surgery and in the treatment of kidney disease and many other conditions. Other departments, including Neurology and Anesthesiology, record advances in patient care.

The work of the Department of Psychiatry has been marked during the past year by a spread of its influence into other departments of the Hospital, notably Pediatrics, and by an increased volume of service at the community level. The care of patients maintains its traditionally high standards of excellence.

Throughout the Report, the reader will find references not only to patient care but also to wide programs of research, much of it basic in character and of a refinement which make its terms all but incomprehensible to the layman. Yet it is from this continuous probing into the mystery of bodily processes, even into the mystery of life itself, that come the great advances in the understanding and treatment of disease for which we are all striving.

Staff changes: On July 1, Drs. Anthony C. Cipollaro and Claude E. Forkner were appointed as Consultants in Medicine. Drs. Marjorie A. Wheatley and Louis E. Weymuller were appointed Consultants in Pediatrics. Dr. Marjorie J. Topkins was promoted to Attending Anesthesiologist and the following were promoted to

Attending Physicians: Drs. Murray Dworetzky, Douglas P. Torre (Dermatology), and Bruce P. Webster.

The following were promoted to Associate Attending Physicians: Drs. Aaron D. Chaves, Donald Kaye, Henry B. Kirkland, Charles Saul Lieber, Thomas N. Roberts, David M. Roseman, Paul D. Saville, Lawrence Scherr, Richard W. Stone and William D. Stubenbord.

Drs. Stanley J. Birnbaum, Myron L. Buchman, Robert Charles Knapp, Melville A. Platt and S. Francis Ryan were promoted to Associate Attending Obstetricians and Gynecologists.

On December 1, Dr. Alfred M. Prince joined the staff as Associate Attending Pathologist.

Drs. Peter A. M. Auld, Wan Ngo Lim and John C. Ribble were promoted to Associate Attending Pediatricians on July 1.

On September 1, Dr. Ralph E. Phillips was appointed Attending Radiologist and Dr. Richard J. Fleming was appointed Associate Attending Radiologist.

On July 1, Dr. George N. Cornell was promoted to Associate Attending Surgeon and Dr. Russel H. Patterson, Jr., was promoted to Associate Attending Surgeon (Neurosurgery). Dr. John H. McGovern, was promoted to Attending Surgeon (Urology).

At The New York Hospital-Westchester Division, Dr. Donald M. Hamilton was appointed Associate Attending Psychiatrist. Dr. John R. Emery and Dr. Arnold W. Forrest became Consultants in Ophthalmology and Otolaryngology. Dr. Frederick W. Finn was appointed Consultant Gynecologist; Dr. Byard Williams, Consultant in Medicine; Dr. Charles G. Huntington, Consultant Radiologist; and Dr. Harold D. Fink, Consultant in Endodontics.

On July 6, Dr. Connie Guion retired from her position as a member of the Medical Board, on which she had served since 1948. She continues in her capacity as Consultant in Medicine.

Dr. Gertrude S. Stern, Associate Attending Pediatrician and Director of the Pediatric

Out-Patient Department, resigned to become Director of Pediatric Ambulatory Services at Cumberland Hospital in Brooklyn. Dr. Marvin Stein, Associate Attending Psychiatrist, resigned September 1 to become head of the Department of Psychiatry of Down State Medical Center, Brooklyn, N. Y.

Other resignations included Dr. Harry W. Burnett, Jr., Attending Radiologist since 1949; Dr. Joseph A. Montimurro, Consultant Gynecologist at The New York Hospital-Westchester Division; Dr. Edward F. Stanton, Associate Attending Obstetrician and Gynecologist; and Dr. William F. Finn, Associate Attending Obstetrician and Gynecologist.

Deaths: Dr. Cary Eggleston, Consultant in Medicine, died on November 15. His work on the use of digitalis in heart disease was well known.

Dr. George Morris Lewis died on February 27 at the age of 67. Dr. Lewis had joined the staff in 1932 and from 1940 until his retirement in 1962 was head of the Section on Dermatology.

Dr. Charles Townsend Olcott, Consultant Pathologist to The New York Hospital, died on August 1, after having been associated with the Hospital since 1927.

Dr. Eleanor Crissey, Assistant Attending Psychiatrist and a contributor to the development of group psychotherapy, died on May 5.

Dr. Marian Tyndall, a member of the Department of Medicine for 36 years, died on March 21; she was known for her work in rheumatology.

Dr. Ernest William Lampe died on October 19. He was an Associate Attending Surgeon at the time of his death.

Dr. Olav Anstlid, Assistant Attending Physician, died on September 2. Dr. Joseph Davis Eby, since 1948 Consultant in Orthodontia at The New York Hospital-Westchester Division, died on April 20. Dr. Nathan Thal, Psychiatrist to Out-Patients, The New York Hospital-Westchester Division, died in November.

The Kidney Transplant Program at The New York Hospital

1. EXTENT OF THE PROGRAM AND RESULTS

The program began in The New York Hospital in October, 1963.

Since that time there have been 20 operations in which kidneys were transplanted from living human donors to patients. Out of this 20, 11 patients, or 55 per cent, are surviving.

The survival rate for transplants of kidneys from closely related living donors (parent or sibling) is higher, 63 per cent.

No patient has been lost who was doing well one year after the operation was performed.

No donor has been lost.

The longest surviving patient is a 16-year-old girl in whom a kidney was transplanted early in the program, 3 years ago. She is well and has normal kidney function. The second longest survivor is a woman in her forties whose operation took place 2 years and 10 months ago. She is also well, with normal kidney function.

All surviving patients are on medication to prevent rejection of the transplant and must anticipate continuing the medication indefinitely.

The youngest patient on whom the operation has been performed was 7 years old; the oldest 41. There seems to be no correlation between age and the success of the procedure, but the Hospital has temporarily established a ceiling of 50 years of age for accepting patients.

2. THE BASIC PROBLEM: REJECTION OF THE TRANSPLANT

The basic problem in organ transplants is not surgical; it is rejection of the transplant, or the graft, by the host body.

The human body has the capacity—called immunological reaction—to attack and destroy foreign cells within it. This process protects the body from infection. Unfortunately, this process is also turned against the transplanted organ and destroys it.

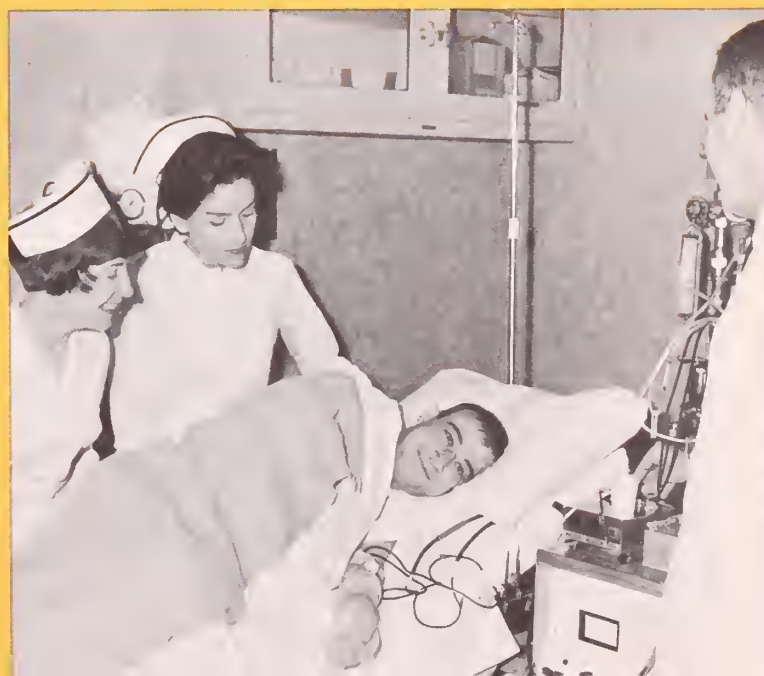
There are two ways in which this problem is being attacked:

A. To suppress the immunological reaction by drugs. Such drugs are available, but their use results in leaving the patient vulnerable to infections.

B. To find an organ for transplant which the receiving body will consider as little “foreign” as possible, and thus only mildly provoke the immunological reaction.

Of the patients lost, most have died from infection in the early post-operative period. Dur-

A patient awaiting the kidney transplant operation receives dialysis on the artificial kidney machine.



ing the three years of the program, experience has been gained in handling this problem. It was discovered that it was easier to reverse the beginning of rejection of the transplant, by giving more drugs, than it was to reverse the course of infection. Therefore the current practice is to give the immunological suppressant drugs in the most minute doses possible to prevent rejection, instead of the massive doses that were thought necessary early in the program.

The fight against infection during the period in which the drugs are given requires meticulous post-operative care of the patient. For the first three weeks the patient occupies a room as sterile as an operating theater; like an operating room, it possesses an ante-room where all attendants to the patient must change into sterile clothes.

In the search for a suitable donor, it has been found that closely related donors, parents or siblings, are best; best of all is an identical twin. The donor must be of a compatible blood type.

It is not yet entirely understood what particular factors make for compatibility, though much study and research is going on. In this Hospital, scientists are studying the lymphocytes in the blood as a precipitating factor of the immunological reaction. A retroactive study of all transplant cases in the Hospital is also being made to discover if compatibility of sub-group type of blood might be a factor.

3. STUDY OF THE DONOR

In selecting a donor, many things must be considered. The donor must be a good operative risk, since removal of a kidney is a major operation. The donor's kidneys must be healthy. It would not benefit the patient to give him a weak kidney, and the donor must have remaining to him a healthy kidney to sustain his own system.

The potential donor must be admitted to the Hospital for three days for detailed studies so that his suitability can be determined.

One considering becoming a donor must take into account the medical risks of the procedure, and the hazard of living with only one kidney after the procedure as well. Sociological factors, as well as the medical factors, must be considered. The doctors at The New York Hospital make sure that a potential donor has all pertinent facts so that he can make a meaningful decision.

One such required study is an arteriogram, in which a dye is introduced into the blood stream by a catheter, enabling X-ray pictures to be taken of the blood system supplying the kidney. Since the procedure has been introduced, it has been discovered that approximately a fourth of all normal people have, instead of one large vessel going to the kidney, two or even three smaller vessels. In such a case, the donor must be rejected, since handling these small vessels is surgically impracticable.

This arteriogram in and of itself carries a medical risk; thrombi (clots) may form at the entrance point of the catheter, requiring operation for their removal.

After the operation, the donor must remain in the hospital for 10 days of post-operative care. A return to work may be anticipated in about three weeks for sedentary workers and in about six weeks for those who do heavy physical labor.

So far, in approximately a thousand cases throughout the world, no donor has been lost.

4. TECHNIQUE OF THE OPERATION

Dialysis (use of the artificial kidney) is employed in this hospital as an adjunct to kidney transplant procedures.

The patient may be maintained on dialysis while awaiting completion of studies and availability of facilities, and to get him in the best possible physical condition for the operation itself. After the operation, dialysis is used as necessary to sustain the patient until the transplanted kidney assumes full function.



Two operations at once. The operations on donor and recipient are performed simultaneously in operating rooms connected by a glass-walled scrub room, through which this picture was taken. In bright area at left is seen the operation on the recipient. Reflected in the glass at right is the operation on the donor.

The operations on the donor and on the patient are performed simultaneously in adjoining operating rooms. The operation on the donor takes approximately two hours. The operation on the recipient may take from 3½ to 6 hours. The timing must be carefully worked out so that there is as short an interval as possible between detachment of the kidney from the donor and implantation in the recipient.

This time interval averages approximately 30 minutes. During this interval the organ's temperature is reduced to 10 degrees C.

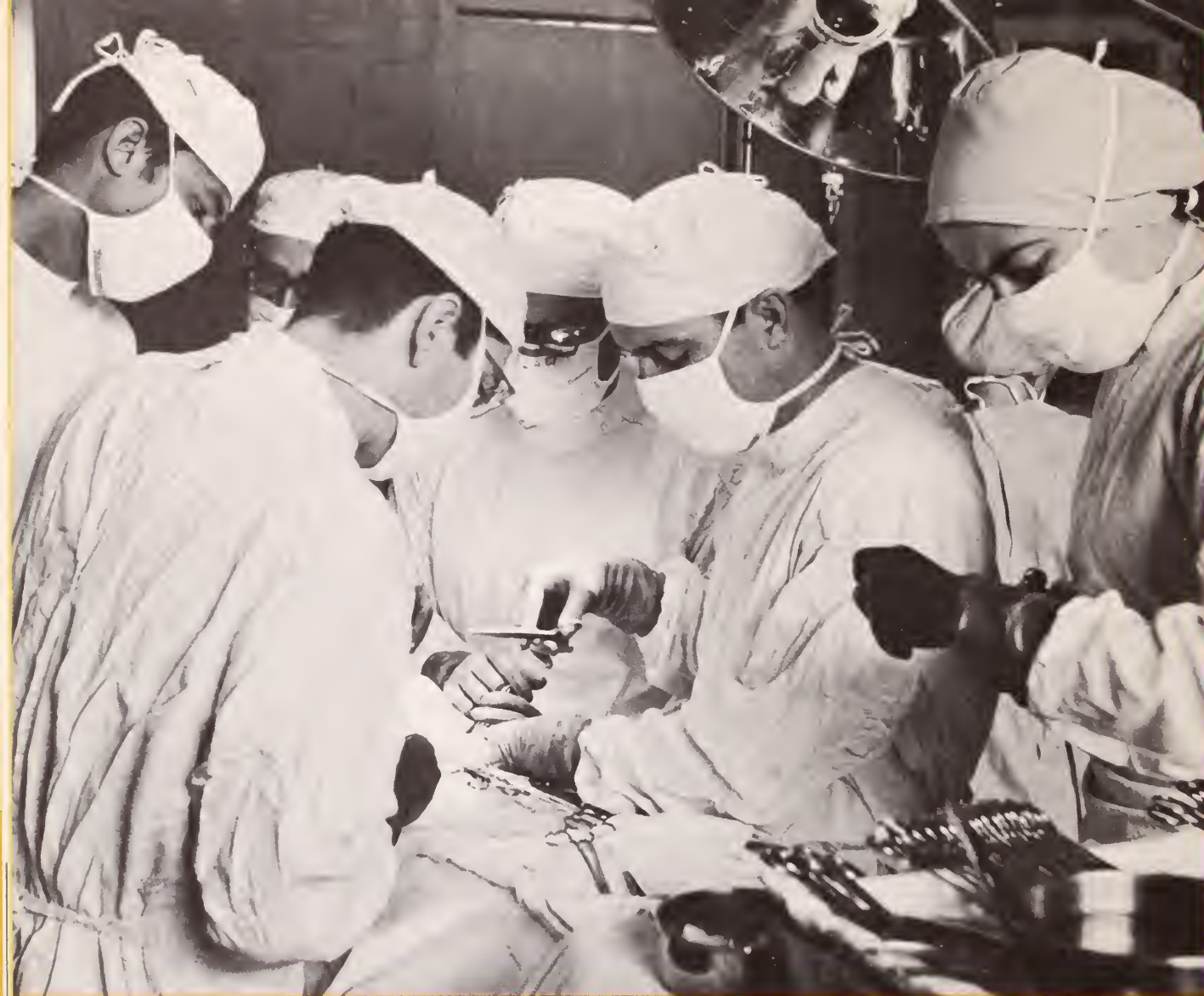
Two surgical teams perform the operations simultaneously. The donor team consists of the surgeon in charge, first and second assistant surgeon, anesthetist, instrument nurse and auxiliary nurse.

The recipient team consists of the surgeon, the first assistant, second assistant and sometimes third assistant surgeons, the anesthetist, the instrument nurse and an auxiliary nurse. The two auxiliary nurses also serve as messengers to carry information back and forth between the two procedures; contact must be maintained at all times.

The length of time of recuperation of the recipient depends upon the individual case.

5. CAUSES OF KIDNEY FAILURE AND THE ATTACK UPON THEM

The kidney transplant operation is attempted only in those patients whose kidneys are hopelessly damaged and who must have artificial support in order to survive.



*Surgical team performing the operation on the recipient.
Depending upon circumstances, the procedure may take from 3½ to 6 hours.*

There are two main causes of kidney failure.

a. Glomerulonephritis

This is a diffuse inflammation of the kidneys primarily affecting the glomeruli; it is progressive and degenerative. Often it arises after an incident of streptococci infection. Antibodies released to fight the infection may for some unknown reason, attack the kidney; this is another instance of the immunological reaction. In some instances, the patients recover; in others, the kidneys continue to be affected until at last their function is destroyed.

Research is going on seeking the source of this self-destructive immunological reaction which turns the body upon itself. Another attack is to prevent strep infections.

b. Pyelonephritis

This is infection of the kidneys due to a congenital defect which permits bacterial invasion. If the infection continues it can lead to slow but inevitable kidney destruction. Here the hope lies in repair of the defect through surgical means. Increasingly, this operation is being performed on child victims of the disease.

There are also some very rare, inherited diseases which attack the kidneys; kidney function may also be lost through accident or other injury.

6. COSTS OF THE PROCEDURE

Patients who are candidates for kidney transplant are admitted to a research pavilion

and all of their costs are paid from a federal grant. Because of lack of space in this pavilion, the donor must be admitted to another area of the Hospital, usually urology.

The cost of a donor evaluation study ranges from \$700 to \$800. The cost per transplant patient has averaged \$11,000. The total cost divided among surviving patients amounts to \$25,000 each. This compares with an average estimated cost of \$10,000 per year for maintaining a patient on dialysis.

7. THE KIDNEY TRANSPLANT TEAM IN THE NEW YORK HOSPITAL

The kidney transplant program calls for cooperation of doctors from many sections and departments of the Hospital.

Renal specialists in the Department of Medicine care for patients before and after transplant; they do the non-surgical research preliminary to selection of patients and donors. Research work on the process of immunological reaction is being done in the molecular biology laboratories of the Department, as is work on development of less expensive facilities for dialysis. The basic research as well as all the research behind the medical care of the patient is performed in the Rogosin Laboratories.

The Department of Surgery bears responsibility for the actual operations during which the transplant is performed. Specialists in the Urological Section of the Department of Surgery perform the operations on the donors.

An essential element in the care of patients is provided by a specialized nursing service, for which nurses are given advanced training. Most nurses competent in this specialty in the City were trained at The New York Hospital.

The New York Hospital is the only center in New York State to provide a complete renal service, from maintenance of patients on dialysis to kidney transplants. It is planned that the present pilot program will be expanded in the near future.

February 3, 1967

Anesthesiology

JOSEPH F. ARTUSIO, JR., M.D.

Anesthesiologist-in-Chief

THE attending staff was the largest in the history of this department. Twenty attending anesthesiologists participated in clinical service, teaching and research. A total of 18,725 anesthetics were given, which is a considerable decrease as compared with 20,250 administered during 1965. This decrease is a result of a decrease in obstetrical and general surgical procedures. Anesthesia for gynecological surgery increased slightly.

The summer preceptorship for medical students which was inaugurated this year comprised eight weeks of instruction in clinical anesthesia. Four medical students, during their vacation between their second and third years, joined the program.

Teflurane, a new non-explosive gas developed in this department, began to be used here and in six other university hospitals.

Dr. Van Poznak using the terminal peripheral nerve as a model of the central nervous system synapse, has defined the effect of the new non-explosive anesthetic agents, methoxyflurane and teflurane, on this structure. Methoxyflurane, now a commonly used anesthetic, was also developed in this department.

Seventeen post-doctoral fellows were in training this year. Drs. Leslie Balazs and Judith Weingram upon completion of their post-graduate training became Assistant Attending Anesthesiologists. Dr. Leibert Turner, who had completed his residency on June 30, 1962 at this institution, returned from the armed forces and became an Assistant Attending Anesthesiologist. Drs. Alexander Gotta and Louis Maggio joined the Defense Service Roll and are now serving their country in Viet Nam.

Medicine

ALEXANDER G. BEARN
Physician-in-Chief

THE activities of the Department of Medicine during the past year reflect in varying degree the conviction that the central and historic responsibility of providing the best medical care can only be achieved through education and research. If scientific understanding and the rational management of disease are to prevail over ignorance, empiricism and compromise, opportunities for the acquisition of new knowledge through scholarly research must be strengthened and enlarged.

The Division of Cardiology, under the direction of Dr. Thomas W. Killip, continues to be one of the most active clinical services in the department. The twenty-four hour cardiac arrest team, created during the year, has proved to be invaluable; the team has been called to an average of one cardiac arrest per day.

The adult cardiac clinic and the activities of the Heart Station continue to expand. During the year 1966, over 30,000 electrocardiograms were recorded and interpreted.

The value of the Coronary Care Unit has again been amply demonstrated during the last year. The average mortality of patients admitted to the unit has been reduced from 32 to 20 per cent. The improvement in the management of myocardial infarction made possible by this unit suggests that the facilities should be enlarged as soon as possible.

Several investigations being carried on in this division appear to have strong implications for improving the care of patients. Dr. Sidney Fillmore has found evidence that progressive acidosis may be a very early sign

of deteriorating cardiac function. With this indication as a clue, prompt therapy may be instituted which could forestall the development of potentially fatal arrhythmias.

Another possibility of new modes of treatment arises from studies undertaken by Drs. Joseph G. Hayes, Francis Wanant, Edwin Ettinger and Thomas Killip, conducted during the past three years, which show that the local anesthetic, lidocaine, has considerable usefulness in the treatment of cardiac arrhythmias. The effects of a variety of drugs on arrhythmia are being investigated by Drs. Thomas Forde, Thomas Killip and Edwin Ettinger, while Dr. Stanley S. Formak and Dr. Killip have completed investigations that indicate that the frequency of electrical events, rather than the frequency of mechanical contractions, influence ventricular automaticity.

Dr. Lawrence E. Hinkle, Jr. and his colleagues in the Division of Human Ecology are pursuing their five-year prospective studies on the occurrence of coronary heart disease among 260,000 employees of a nation-wide industry. In collaboration with Dr. Susan T. Carver of the Division of Cardiology studies are continuing to assess the frequency and extent of electrocardiographic variations under conditions of normal daily life.

“... During the year 1966, over 30,000 electrocardiograms were recorded and interpreted...”

Dr. Albert Rubin and his associates in the Rogosin Laboratories continue to be active in connection with the Hospital program for kidney transplants and dialysis. The group cares for patients who are candidates for transplants, does the necessary investigation before operations are performed, and is in charge of after-

care of the patients. The number of dialyses (use of the artificial kidney machine) increased more than three-fold over the previous year; there were a total of 313 hemodialyses and 43 peritoneal dialyses performed..

Work is going on to find a more efficient and more tractable membrane for use in the artificial kidney machine. In this respect, several aspects of the biology of collagen are being studied, and it appears that partially enzymatically digested collagen may supply a superior membrane than the more commonly used cellophane membranes. This investigation is being intensively pursued with a view to establishing its clinical usefulness.

The effect of microbes on the health of man, and the complex relationships which exist

“...average mortality of patients admitted to the Coronary Care Unit has been reduced from 32 to 20 per cent...”

between man and microbial agents, are the concern of Dr. Edward W. Hook and his colleagues in the Division of Allergy and Infectious Disease. One study underway by Dr. Hook and Dr. John Van Der Decker is trying to find out why infectious agents tend to localize at the site of a pre-existing disease or injury.

This question is also under scrutiny in research pursued by Dr. C. Glenn Cobb and Dr. Donald Kaye, working with Dr. John H. McGovern of the Department of Urology. They have discovered that over one-third of the patients who develop urinary tract infections have some underlying abnormality in the urinary tract or some pre-existing disturbance of kidney function.

An important discovery by Dr. Kaye and Dr. Hook pertains to the treatment of chronic

“...An important discovery...is that ampicillin will cure 50 per cent of chronic typhoid carriers...”

typhoid carriers. They have found that ampicillin will cure 50 per cent of these cases. Dr. Kaye and Dr. Warren D. Johnson have shown that the ability of normal human serum to kill bacteria is measurably decreased when the level of alcohol in the blood is increased. This supports the common observation that alcoholic individuals are particularly susceptible to bacterial infection.

An effective surgical method for the removal of adult schistosome worms from the portal system of primates, including man, has been developed by Dr. Benjamin H. Kean, working with Dr. Edward I. Goldsmith of the Department of Surgery. This disorder, Schistosomiasis, has many victims throughout the world. The poor response to medical treatment of this global disorder provides a strong stimulus for these studies.

The Division of Endocrinology under the direction of Dr. Ralph E. Peterson has continued to explore in collaboration with Dr. Glenn D. Lubash, the role of aldosterone metabolism and renal activity in patients with essential hypertension. Intensive investigation of a twelve-year-old boy with essential hypertension has suggested that the patient has a previously undescribed adrenocorticotrophic hormone (ACTH) dependent adrenal hypertension. In this patient a small dose of synthetic corticoid effected a marked suppression of aldosterone secretion with return of the blood pressure and associated electrolyte abnormalities to within normal limits. The possibility that this syndrome is genetically determined is being actively studied in collaboration with Dr. Maria New of the Department of Pediatrics.



Electronic monitoring and resuscitation techniques have proved vital to patients in the Coronary Care Unit.

Dr. Brij Saxena is continuing his studies on the isolation and purification of growth hormone. The development of sensitive and precise radioimmunoassay procedures for the measurement of growth hormone and ACTH in plasma has provided new impetus to the clinical investigation of various endocrine disorders.

Dr. George G. Reader has continued his interdisciplinary program of research in patient care and has recently focused his attention on the factors which influence a patient's compliance with the advice offered by his physician, the variations in the roles of medical social workers, and the organization of health services. Dr. Norman Brachfeld has developed a perfusion system for the isolated heart which permits a continuation of metabolic studies under controlled hemodynamic conditions. Dr. Ralph L. Nachman and Dr. Ralph L. Engle have continued their studies on the subunit structure of Bence Jones proteins and Dr. Nachman, in association with Dr. Aaron J. Marcus, has extended his studies on the intracellular muscle-like properties of human platelets.

Dr. Engle has been undertaking an intensive study of the application of computer tech-

nology to medicine in the Medical Center, with particular reference to the Department of Medicine.

The Rogosin Laboratories group has continued its studies on protein synthesis in two cell-free systems, the brain and the spleen. The demonstration that brain ribosomes are able to synthesize a specific brain protein is of considerable interest.

In the Division of Gastroenterology, Dr. Marvin H. Sleisenger and his associates have pursued clinical and research activities on a broad front. Dr. Sleisenger's radioautographic studies with Dr. Michael D. Gershon have suggested that the 5-hydroxytryptamine detectable in various tissues may not be an accurate measure of the 5-hydroxytryptamine that is commonly held responsible for anaphylactic shock. The perplexing role of circulating antibodies in the pathogenesis of pernicious anemia has continued to interest Dr. Graham H. Jeffries. The observation that corticosteroids may reverse the gastric atrophy, restore the secretion of intrinsic factor and permit a normal absorption of Vitamin B-12 has important meaning for the treatment of patients. The possibility of correlating structure and function is provided by the electron micro-

scopic studies of Dr. Walter Rubin which have revealed that proliferation of functionally active primitive intestinal epithelium (heterotopic intestinal epithelium) may produce atrophic gastric mucosa.

Dr. Farrington Daniels, Jr., and his colleagues in the Division of Dermatology are investigating the early signs of ultraviolet induced skin cancer and the medical and surgical use of cold in treating dermatological problems. Dr. E. Lovell Becker has continued his studies on the urinary excretion of proteins in renal disease. A one-week post-graduate course for the American College of Physicians on "Basic Mechanisms of Renal Disease" was held.

Dr. Glenn D. Lubash has continued his studies on hypertension and is presently predominantly concerned with the development of precise methods to estimate the angiotensin activity in the blood and improved methods for purifying renin from human serum. Dr. David V. Becker, in the Radioisotope Laboratory, in addition to providing service for a large number of patients, has continued his investigation of the effects of isolation on the metabolism of labelled thyroxine.

The cardiopulmonary laboratory under the direction of Dr. Daniel S. Lukas has developed a new and important method to measure the plasma levels of digitoxin and other cardiac glycosides. Information derived from its application will be important for the treatment of patients taking digitalis. Dr. Irving S. Wright and his colleagues in the Division of Vascular Disease have continued their activities on a broad front. In addition to his duties in the Department of Medicine, Dr. Wright has served as President of the American College of Physicians.

Drs. Anthony Cipollaro and Claude Forkner, Sr., were appointed to the positions of Consultants to the Department. Drs. Murray Dworetzky, Douglas Torre and Bruce Webster were appointed Attending Physicians.

Neurology

FRED PLUM, M.D.
Neurologist-in-Chief

DURING the past year the number of neurological in-patient admissions and consultations was the highest in the history of the Department of Neurology. The amount of research done in the department, and the publications reporting on its result, also reached new highs.

The growing cooperation among the neurosciences was evident in the first annual presentation of completed research results at the combined Neurology, Neurosurgery and Neuropathology Grand Rounds on two successive Saturdays, May 28 and June 4. Sixteen presentations covered a variety of research on the nervous system.

The Neurological Study Unit offered 19 lectures by distinguished neuroscientists on Thursday afternoons at 4:30. These lectures drew their audience from our own staff, from other departments, and from Rockefeller University, Memorial Hospital, Bellevue Hospital and Hunter College.

On the national scene, Dr. Plum served as editor of the Proceedings of the National Conference on Education in the Neurological Sciences. The Conference was held from November 13 to 16 and was attended by some 240 leading educators in the neurological sciences.

☞...the number of in-patient admissions and consultations was the highest in the history of the Department of Neurology...☞

Members of the department gave 40 lectures and papers in all parts of the United States from California to Vermont and in five foreign countries, and made 13 presentations of work in progress at scientific meetings. The department, in turn, profited by visits from many distinguished foreign scientists from England, West Germany, Japan, Italy, Sweden, Nova Scotia, Czechoslovakia, Australia and Taiwan.

Dr. Donald Reis and Dr. Henn Kutt were honored with Career Development Awards from the National Institutes of Health.

Dr. Reis and his collaborators have pursued studies on the central control of cardiovascular reflexes; on patterns of distribution of regional blood flow; and on changes in brain catecholamines and serotonin in experimentally induced and naturally occurring emotional behavior.

In collaboration with the Department of Psychiatry, Dr. Paul McHugh has participated in plans and construction of the laboratory at the Westchester Division of The New York Hospital for the experimental study of behavior in primates. He has continued his studies on neuroendocrine mechanisms and occult hydrocephalus and, with Miss Helen Goodell and Dr. Plum, has initiated a study of attempted suicides.

Dr. Jerome Posner is investigating the blood brain barrier in metabolic disorders. His laboratory also is investigating selected aspects of the brain's chemical activity.

Dr. John Lee has made a clinical study of patients with carotid arteritis and cerebral infarction due to scleroderma. With a national group supported by the National Institute of Neurological Diseases and Blindness, he has continued an evaluation of the therapeutic effectiveness of ACTH in multiple sclerosis. His laboratory studies have focussed on how the brain adjusts itself to induced acidosis.

Dr. Fletcher McDowell, Director of the Cornell Neurological Division at Bellevue, and of the Stroke Study, has continued his long-term follow-up studies of patients with cerebral

vascular disease. He also is developing a new program of rehabilitation research in cerebral vascular disease in collaboration with the staff of the Burke Foundation.

Dr. Sydney Louis has participated in the studies of Dilantin in epilepsy; of lipid patterns in diabetes in relation to stroke; and of treatment and the natural history of strokes at all ages.

Dr. Fred Plum, Anne Parrish Titzell Professor of Neurology, continues his active investigation of central brain mechanisms that regulate the act of breathing and the flow and distribution of blood to the brain.

Obstetrics and Gynecology

FRITZ FUCHS, M.D.
Obstetrician and Gynecologist-in-Chief

THE total number of patients discharged, including the newborn, was 11,952, compared with 12,979 during 1965. Adult discharges were 7,828, 545 less than in the previous year. Of these, 5,172 were obstetrical and 2,656 were gynecological patients. There were 4,072 deliveries during the year, a decrease of 485, compared with 4,557 during 1965. This number constituted 9.4 per cent of all live births recorded in Manhattan during that period.

Infant mortality amounted to 107 deaths among 4,120 infants, including multiple births, weighing 1.1 lbs. or more. Only 29 of the deaths were in infants that were of term size. If the infants under 2.2 lbs. are excluded, the mortality rate for all infants was 1.8 per cent. For infants 5½ lbs. or more, the mortality rate was 0.8 per cent.

During the year, the plans for renovation and reconstruction of the Clinic areas were

further developed and the actual work is expected to start in 1967. During the reconstruction, the Clinic will be relocated in the Connie Guion Building.

High-risk pregnancies are still the major problem in obstetrics. A great many activities of the past year were directed toward the earlier detection and improved care of these patients. Hormone assays were widely used in diagnosing various conditions and a new technique, amnioscopy, has been introduced for the supervision of the high-risk group toward the end of pregnancy. This technique, together with sampling of fetal blood during delivery, was developed by Dr. E. Saling in Berlin, Germany. Dr. Irwin Merkatz went to Berlin to study the technique, which will gradually be incorporated in the clinical routine. By fetal blood sampling during labor, the fetal condition can be more accurately evaluated than by auscultation of the fetal heart.

Prematurity continues to be a serious problem with 73 per cent of the total perinatal deaths occurring in the premature infants. Attempts to prevent premature delivery by the administration of alcohol to patients in threatened premature labor have continued during the year, with encouraging results. This work was carried out mainly by Drs. Abraham Risk and Vicente Poblete, Jr., under the direction of Dr. Fuchs. Good results have been obtained in the large majority of cases with intact membranes. To obtain quantitative information about the release of oxytocin and the alcohol inhibition of this release, certain studies have been carried out with the participation of postpartum patients. Evaluation has been made of substances which inhibit uterine contractions by direct action on the myometrium. Such uterine relaxants have been studied by Dr. Robert Landesman and his research assistant, Miss Kathleen Wilson.

The work on intrauterine transfusion as a treatment of erythroblastosis fetalis was continued by Dr. John T. Queenan and the Resi-



A Special Care Unit for obstetrical and gynecological patients was opened November 1.

dent Staff, aided by Dr. Roy W. Bonsnes in the laboratory. The use of a potent Anti-Rh Immunoglobulin in the prevention of iso-immunization is being evaluated in this high-risk group because the instance of immunization is approximately 10 per cent per pregnancy.

During the year, the Tumor Committee, with Dr. William J. Sweeney as Chairman, worked out a manual for the Diagnosis and Treatment of Gynecologic Cancer in the department. The directives constitute the policy for the Pavilion Service and act as a guide for the private physician as well. The manual has already proved its value in daily use.

In June, the Tumor Service was awarded a National Institute of Health Grant for the Evaluation of Chemotherapy of Solid Tumors in Gynecology under the Central Clinical Drug Evaluation Program. Dr. Robert C. Knapp is in charge of this program, in which the Depart-

☞...Prematurity continues to be a serious problem...73 percent of deaths occur in premature infants...☞

ment of Surgery also participates.

A Special Care Unit has been established, to provide optimal intensive care to seriously ill patients from all the gynecological and obstetrical pavilions. This unit has been provided with special equipment for cardiac resuscitation and other emergency procedures; especially-trained nurses are in charge.

The Pathology Laboratory, directed by Dr. Elmer E. Kramer, examined 1,435 obstetrical specimens and 5,202 gynecological specimens. The total number of obstetrical slides was 2,450 and the total number of gynecological slides was 12,009.

The Family Planning Clinic had an increasing number of patients during 1966. The number of patients total 1,166, with a total number of 1,920 visits. The study of intra-uterine contraceptive devices, conducted by Dr. Myron Buchman and Dr. Gideon G. Panter, has been continued.

Dr. William Walden and Dr. Stanley J. Birnbaum have developed a method of fetal electrocardiography with cancellation of the maternal complex. Work is being continued to develop this into an instrument for practical use in the evaluation of fetal cardiac function.

Drs. Myron I. Buchman, Robert C. Knapp, Melville A. Platt and S. Francis Ryan were promoted to Associate Attending Obstetricians and Gynecologists. Drs. William F. Finn and Edward F. Stanton, Associate Attending Obstetricians and Gynecologists, and Drs. Anthony Deep, Hugh Halsey and James P. Johnson, Assistant Attending Obstetricians and Gynecologists, resigned during the year.

“...a new technique has been introduced for the supervision of the high-risk patient toward the end of pregnancy...”

Pathology

A. WHITLEY BRANWOOD, M.D.

Acting Pathologist-in-Chief

THE Department of Pathology remains an active center of the Hospital. The Laboratory of Surgical Pathology continues to provide a vital service in the clinical care of patients by performing microscopic examination of tissue as an aid to both physicians and surgeons. Throughout the past year 10,673 specimens were examined.

“...the Department of Pathology is actively cooperating...in the study of congenital heart diseases and various renal diseases...”

In the Papanicolaou Cytology Laboratory, where the “Pap” test was originated by Dr. George Papanicolaou and is now widely used in the early detection of cancer, 35,787 specimens were examined compared with 34,706 specimens the previous year. The Papanicolaou Cytology Laboratory operates a training program for cytotechnologists.

Post mortem examinations were performed in 531 instances, a 70 per cent autopsy rate.

The Department of Pathology is actively cooperating with the Department of Pediatrics in the study of congenital heart disease and various renal diseases. The Neuropathology Laboratory has taken on the responsibility of training neurology residents in some aspects of this discipline while the Laboratory of Surgical Pathology continues to give house staff from the Department of Surgery fundamental training in the appearances of diseased tissue.

Dr. John G. Kidd is continuing his work on certain aspects of carcinogenesis. Dr. Richard M. Torack and Dr. William W. Schlaepfer have studied certain aspects of cerebral edema and nerve regeneration.

Dr. Carl G. Becker was promoted to Assistant Professor and Dr. Margaret Clements joined the staff as Instructor and Assistant Attending Pathologist. Dr. Charles T. Olcott, Emeritus Professor and Consultant Pathologist, died on August 1, 1966.

Many members of the staff attended various national and international conferences and lectured at many other institutions. Several pathologists from Britain, France, Germany, Sweden, Holland and Australia visited or worked in the various department laboratories during the past year.

Pediatrics

W. W. McCrory, M.D.
Pediatrician-in-Chief

THE year 1966 witnessed substantial expansion of the pediatric medical program. Three new laboratories were opened: Pediatric Cardiac Catheterization Laboratory under Dr. A. R. Levin; Pediatric Endocrinology under Dr. Maria New; and Pediatric Ultra-Micro Clinical Chemistry under Dr. Edward Schubert.

The offices of the Division of Pediatric Cardiology were relocated and the Division of

*Medication goes down more smoothly when sipped through a straw
and followed by a dose of soda pop.*





This healthy child is the tiniest surviving premature infant in the Hospital's history.

Child Psychology was enlarged to include child psychiatry with the appointment of Dr. Bertrand New as Chief of the Child Psychiatric Clinic in Payne Whitney.

The coordination of Social Service activities between Obstetrics and Pediatrics has been accomplished and communication between departments in problems involving mothers and infants is excellent. The Premature Unit is now functioning as an "Intensive Care Unit" for all infants *at risk*, prematures and full-term infants with non-infectious complications, such as infants with erythroblastosis requiring multiple exchanges.

More patients admitted to both the private and semi-private services have complex medical problems, which pose a continuing challenge to the staff. The selection of this Hospital for these difficult cases reflects the high regard of the pediatricians of the area for the department's diagnostic and therapeutic skills.

In-patient admissions to pediatrics numbered 2,274. There were 4,655 pediatric visits to the Emergency Room, and the Out-Patient Clinic had a total of 35,291 visits; of these,

6,861 were to the General Pediatric Clinic, 2,496 to the Well Baby Clinic, 12,754 to Isolation, and 13,180 to specialty clinics, including the Adolescent Clinic.

A new weekly Pediatric Dermatology Clinic, under the direction of Dr. L. Lowe, was instituted in July. The staffing and functioning of the weekly Genetics Clinic are being expanded.

As a community service, during the summer, staff members examined 18 East Harlem children registered in the Head Start Program. Patients found to have chronic illnesses, and their siblings, have continued under treatment.

The Pediatrics Department performs many diagnostic laboratory services. These include electrocardiography, bacteriologic and virologic examinations, hematologic determinations, and ultramicrobiochemical tests. Of the latter, Dr. Edward T. Schubert's laboratory performed 6,400, with a steady increase in the number per month from 133 in January to a peak of 945 during December.

The Pediatric Cardiopulmonary Laboratory, under the direction of Dr. Aaron R. Levin, with the collaboration of Drs. Herman Grossman and Richard Fleming of the Department of Radiology, carries out diagnostic studies using combined physiologic and angiographic techniques.

Under the direction of Mrs. Eleanor Landsman, the Division of Pediatric Recreation assisted 2,164 pediatric patients. About 80 per cent of these children were able to attend playrooms and workrooms; the others received the attention of recreational therapists and specially trained volunteers at their bedsides. The division also maintains a part-time play-

**... more and more of the patients ...
have very complex medical problems
which pose a challenge to the staff ...**

room in the Out-Patient Department for clinic patients and their siblings.

New appointments, in addition to Dr. Aaron R. Levin and Dr. Bertrand New, included Dr. John C. Ribble and Dr. Lee Salk. Dr. Ribble, formerly of the Department of Medicine, was appointed Associate Attending Pediatrician and is Director of the Section of Infectious Diseases. Dr. Lee Salk, Ph.D., has been appointed Chief Psychologist and is working with Dr. New in organizing services and teaching in child psychiatry and psychology.

With the support of the National Foundation, a new center has been established for research into the causes, diagnosis and treatment of congenital renal and genitourinary

“... the Birth Defects Program served 150 children with congenital defects of many types ...”

disorders. Dr. W. W. McCrory, Pediatrician-in-Chief, is the Pediatric Director, with Dr. Madaoka Shibuya as his associate. Drs. Victor Marshall and Edward C. Muecke of the Urology Department, and Dr. Herman Grossman, Pediatric Radiologist, are participating. The center is carrying out research on the effects of obstruction and infection in the urinary tract upon kidney function, and is looking for correlations between renal function and pathologic findings.

The National Foundation supports the Birth Defects Program, under Dr. Myron Winick's direction, which gives diagnostic and therapeutic service to about 150 children with congenital defects of many types including neurologic, orthopedic, eye and muscle and supports Dr. Winnick's research in factors controlling cell growth.

The Division of Pediatric Hematology completed its new facilities in April and a Dedication Ceremony was held on April 7 with

“... About 80 per cent of the children were able to attend playrooms and workrooms; the others received ... attention at their bedsides ...”

Mrs. John V. Lindsay dedicating the new Laboratories; other speakers were Dr. Carl H. Smith, Consulting Pediatrician, Dr. W. W. McCrory, Mr. Kenneth H. Hannan, President of The Society of the New York Hospital, and Mr. Harold Weill, President of the Children's Blood Foundation.

The Institutes in the Care of Premature Infants, now in their 18th year, held five sessions of four weeks each for nurses and two weeks each for doctors under the direction of Dr. Charles H. Bauer.

Dr. P. A. M. Auld and his associates are concerned with the prevention and treatment of respiratory distress in small infants, and with abnormalities of lung function in non-distressed premature infants. A treatment has been devised, using sodium bicarbonate, which has been quite successful in helping full-term infants who suffer severe metabolic acidosis following serious resuscitation problems at birth.

A small hand-operated respirator has been devised for assisting infants distressed with hyaline membrane disease.

Dr. Herman Grossman, pediatric radiologist, is investigating cardiac output, blood flow and chamber volumes.

Hematologic studies by Drs. Philip Lankowsky, Marion W. Erlandson, Julius Golobow, Margaret Hilgartner and others, include serum folate levels in immunized and non-immunized women during pregnancy and in their infants, platelet functions in normal and distressed newborn infants, identification of carriers of hemophilia, and treatment of idiopathic thrombocytopenic purpura with Imuran, among many others.

Psychiatry

WILLIAM T. LHAMON, M.D.
Psychiatrist-in-Chief

THERE has been gradually increasing interaction between the residents and staff of the Westchester Division and the Payne Whitney Psychiatric Clinic during the past year. The two departmental units offer each other complementary advantages in terms of space, variety of patients, and relevant scientific and educational expertise which is exchanged to mutual benefit.

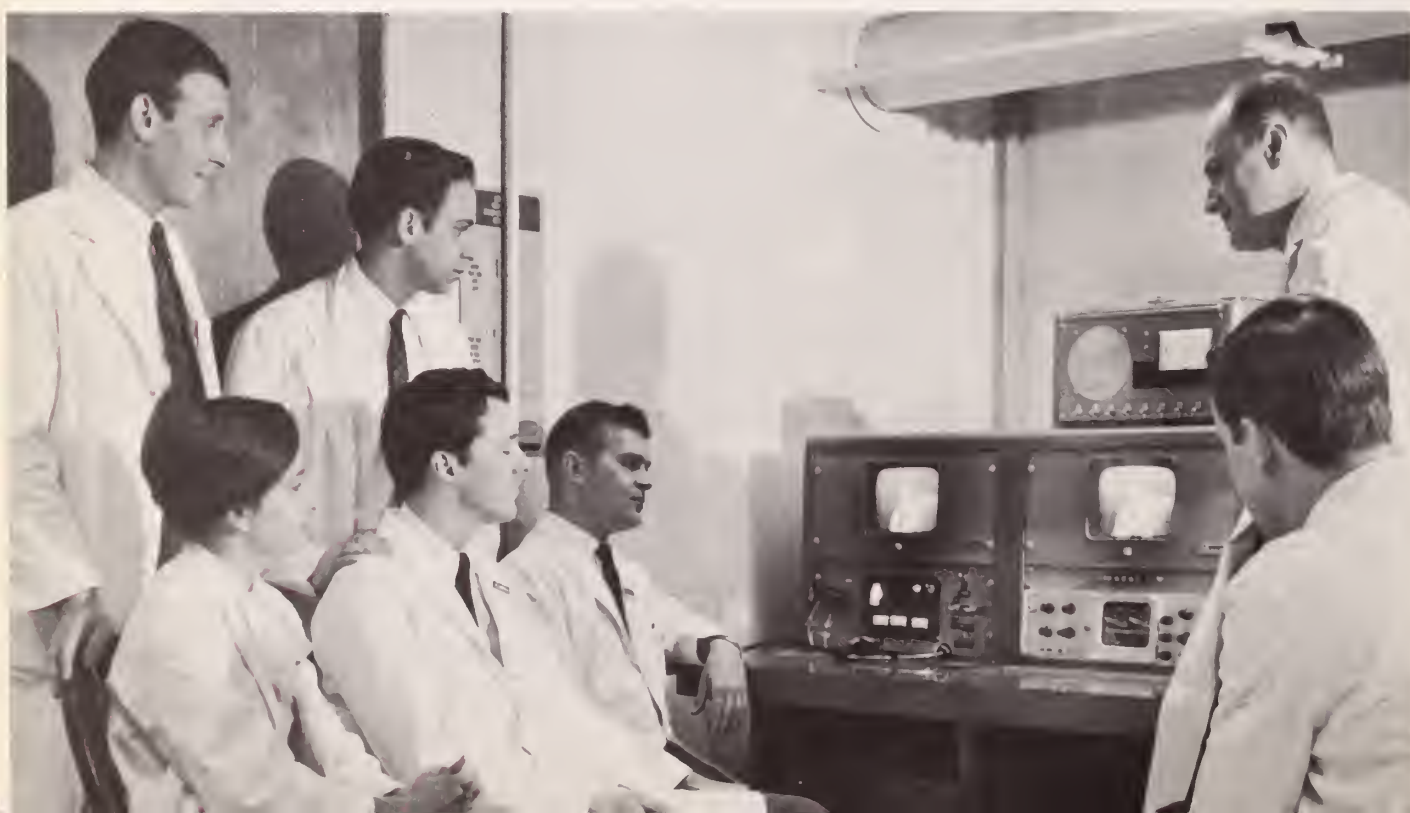
During 1966 a number of experienced practicing clinicians were added to the teaching staff of the Westchester Division. Arrangements were initiated and coordinated by Dr. Barbara Betz, and supported by Medical

Director, Dr. Francis Hamilton, for Westchester Division residents to have neurological and general hospital consulting experience at The New York Hospital in Manhattan.

The Payne Whitney Psychiatric Clinic has had an effective, active year with many patients treated, and with extensive study and research. Inquiry into the endocrine and biochemical components of mental illness continued to progress under Drs. Farouk Faragalla, Frederic Flach, Peter Stokes and others. Drs. Robert Fried, William Lhamon, Armand Loranger, Robert McCully, Lee Salk, Arthur Shapiro and Livingston Welch engaged in behavioral and psychological studies.

Clinical and therapeutic studies were conducted by Drs. Barbara Betz, Lawrence Hatterer, Richard Kohl, Edward Liang, Robert McKnight, Elliott Weitzman, Peter Wilson, and others. Historical work in psychiatry was pursued by Drs. Ralph Baker, Eric Carlson, Oskar Diethelm, Jacques Quen, Marie-Louise Schoelly, and others.

At Payne Whitney Psychiatric Clinic, doctors participate in psychotherapy via an audio-visual closed circuit system.



Joint neurophysiological, neuroanatomical, behavioral, and clinical studies were made by Drs. Myron Glucksman, Paul McHugh, Thomas Meikle, and David Sobel.

Drs. Alexander Leighton and Marvin Stein resigned, to assume important chairmanships at Harvard and at the State University of New York-Downstate Medical Center, respectively.

Payne Whitney Psychiatric Clinic

RICHARD N. KOHL, M.D.
Medical Director

DURING the year 281 in-patients were admitted for treatment and a high rate of improvement at the time of discharge was maintained. Supervision of in-patients continued under the direction of Dr. William T. Lhamon assisted by Dr. Edmund A. Bashkin, Dr. Barbara J. Betz, Dr. Helen E. Daniells, Dr. Frederic F. Flach, Dr. Arthur K. Shapiro, Dr. James H. Spencer, Jr., Dr. Leonard R. Straub, Dr. Elliott L. Weitzman, and Dr. Peter G. Wilson.

An increased trend in the number of requests for admission of patients in the adolescent and young adult age groups has resulted in the need to broaden the long established adolescent educational program. For the first time there has been instituted a separate program for young adults between 18 and 20 years of age. Student patients continue to be promoted, graduated and admitted to colleges while undergoing treatment in the in-patient department.

The new admissions law of the State of New York Department of Mental Hygiene, introduced during the latter part of 1965, has not altered in any essential way the long-standing system of admitting and treating patients on an informal or voluntary basis only. Some of

the procedures which have now been enacted into law have been in operation at the Clinic since its founding in 1932.

The first Medicare patients were admitted in July and over a six-month period fourteen patients, 65 years of age and over, qualified for this program. The wider application of various health insurance plans to the treatment of psychiatric patients on an in-patient basis and the continued support by the New York City Community Mental Health Service facilitated the admission of a higher percentage of patients who otherwise could not have afforded the cost of in-patient care.

There has been a considerable increase in new referrals to the Social Service Department from all clinical areas. The total social service case load has increased approximately 40 per cent and at the same time there has been a marked increase in the number of interviews with members of the medical staff which indicates the development of a closer relationship between these two professional groups.

During 1966, the graduate psychiatric teaching program was enhanced by three additional assistant psychiatrists and by a more structured curriculum for training purposes. Each assistant psychiatrist is now supervised by three attending psychiatrists, instead of two as formerly.

The Oskar Diethelm Historical Library acquired 161 rare books; the Library continues to attract many distinguished visitors from this country and abroad.

During the past year, the out-patient clinic, under the direction of Dr. Edward Y. Liang, treated 1,305 patients for a total of 13,081 individual visits. The number of group therapy sessions was increased from 24 to 52 per month. An evening group therapy clinic was established for the treatment of those patients who are fully employed but who require psychiatric help in order to maintain their effectiveness at work. The case load of the psychopharmacologic clinic has been increased

by 200 additional chronically ill patients. In addition, a total of 520 patients were seen in consultation on an emergency basis. Both social workers and nurses are now being trained to assist in the treatment of out-patients, particularly in family and group therapy and in marital counselling.

Dr. Bertrand L. New assumed direction of the Adolescent and Child Clinics which have been combined administratively in order that an expanded teaching and treatment program may be developed. A liaison service with the Department of Pediatrics as well as with certain schools in the community which use the Clinic as their principal source of psychiatric help is expected to assume increasing importance in the work of the Out-Patient Department.

New appointments to the staff included Dr. Bertrand L. New, Dr. Arthur K. Shapiro, Dr. David E. Sobel, Dr. Edwin H. Church, Dr. Esra S. Peturrson, Dr. Lee Salk and Dr. Michael A. Selzer. Dr. Jacques M. Quen was promoted to Assistant Attending Psychiatrist, Dr. James H. Spencer, Jr. to Assistant Attending Psychiatrist and Dr. Marvin B. Blitz to Psychiatrist to Outpatients.

Miss Eleanor Frany was appointed to the position of Director of Psychiatric Nursing, upon the retirement of Miss Jessie Weaver as Acting Director.

The Clinic continues to be most grateful to its many generous donors and for the assistance given by the Women's Auxiliary and the Volunteer Department of The New York Hospital.

“...For the first time there has been instituted a separate program for young adults between 18 and 20 years of age...”

Westchester Division

FRANCIS J. HAMILTON, M.D.
Medical Director

DURING the year the affiliation of the Westchester Division with the Department of Psychiatry of The New York Hospital-Cornell Medical Center showed its beneficial effects in the care of patients, education, and research into emotional disorders. There were 340 patients admitted to the In-Patient Department of the Hospital. Three hundred and ninety-nine patients were discharged, with 90 per cent considered as improved. A large number of adolescent patients with psychiatric problems were admitted to the Hospital, as well as many adults with acute psychiatric illnesses.

The Out-Patient Department, under the guidance of Dr. William K. McKnight, offered ambulatory psychiatric treatment to 181 patients which included 6,056 interviews with adults, adolescents, and children. This department has given leadership in striving to promote competency and continuity in medical health services among the various local agencies in the community mental health services.

In order to offer the maximum benefits of modern psychiatric care and treatment to patients, fifteen qualified and experienced psychiatrists were appointed to the attending staff to serve primarily as psychotherapists to patients in the Hospital on a part-time basis.

The patients accepted for treatment on the in-patient service were admitted by the Assistant Medical Director, Dr. Donald M. Hamilton, whose knowledge and experience added an immeasurable factor to the success of the total treatment program. With the assistance of the attending chiefs of service, Dr. Robert McKinley and Dr. Edward Seelye, as well as Dr. Porter Warren, the treatment program was carried forward.



Staff members demonstrate sewing, a part of the occupational therapy program at the Westchester Division.

A senior attending psychiatrist, Dr. Jane O'Neil, has assumed the responsibility for the care of the Geriatric Service. This has enhanced the treatment program as well as providing studies toward finding a solution to this gigantic problem. In view of the large number of adolescent patients, an attending consulting psychiatrist, Dr. Thomas Henley, was made supervisor of the total program, including guidance of the members of the psychiatric Social Service Department dealing actively with the parents. Dr. A. N. Browne-Mayers, a consulting attending psychiatrist, supervised the general program of those patients under treatment because of their alcoholic conflicts.

Dr. Barbara J. Betz, Associate Professor of Psychiatry and Associate Attending Psychiatrist, has instituted and coordinated an intensive graduate teaching program for the resident staff. These physicians receive supervision by senior consulting psychiatrists in the treatment of psychiatric patients. To this has been added teaching and training by faculty at The New York Hospital-Cornell Medical Center in basic neurology, child psychiatry, and consultation-liaison services under the supervision of the Department of Psychiatry

at The New York Hospital. They are instructed in the basic principles of ambulatory psychotherapy, under supervision, with patients in the Westchester Division Out-Patient Department.

Research investigations have continued in various areas of the broad scope of human behavior in psychiatry. Together with Dr. Peter Stokes of the Payne Whitney Psychiatric Clinic in New York City, Dr. Jack Schoenholtz has been conducting studies in the basic effects of lithium on mood disorders, especially elation. Dr. Arthur Anderson, together with Dr. Bruce Poundstone and the Psychiatric Social Service Department, are continuing studies into the effects of group psychotherapy in adolescent patients.

Dr. Betz has continued her well-established studies in the schizophrenic patient, stressing the relationship of the personality of the physician and the therapeutic response of the patient. The primate behavioral science laboratory is almost completed and in the year 1967 it is hoped that Dr. Paul McHugh, Dr. Thomas Meikle, Dr. Peter Stokes, and Dr. William Lhamon will begin their investigations into the basic studies of normal and abnormal behavior of primates. The research studies are

proceeding in biochemical, psychological, and biological aspects of normal and abnormal behavior.

In addition to the programs of recreation, occupational therapy, and music, there has been added a volunteer program under the supervision of Mrs. Jacqueline Phillips, with Mrs. Margaretta Treherne-Thomas of The New York Hospital as a consultant. A Center for Occupational Mental Health, under the direction of Dr. Alan McLean, has been added; the Center will abstract and annotate literature in this field.

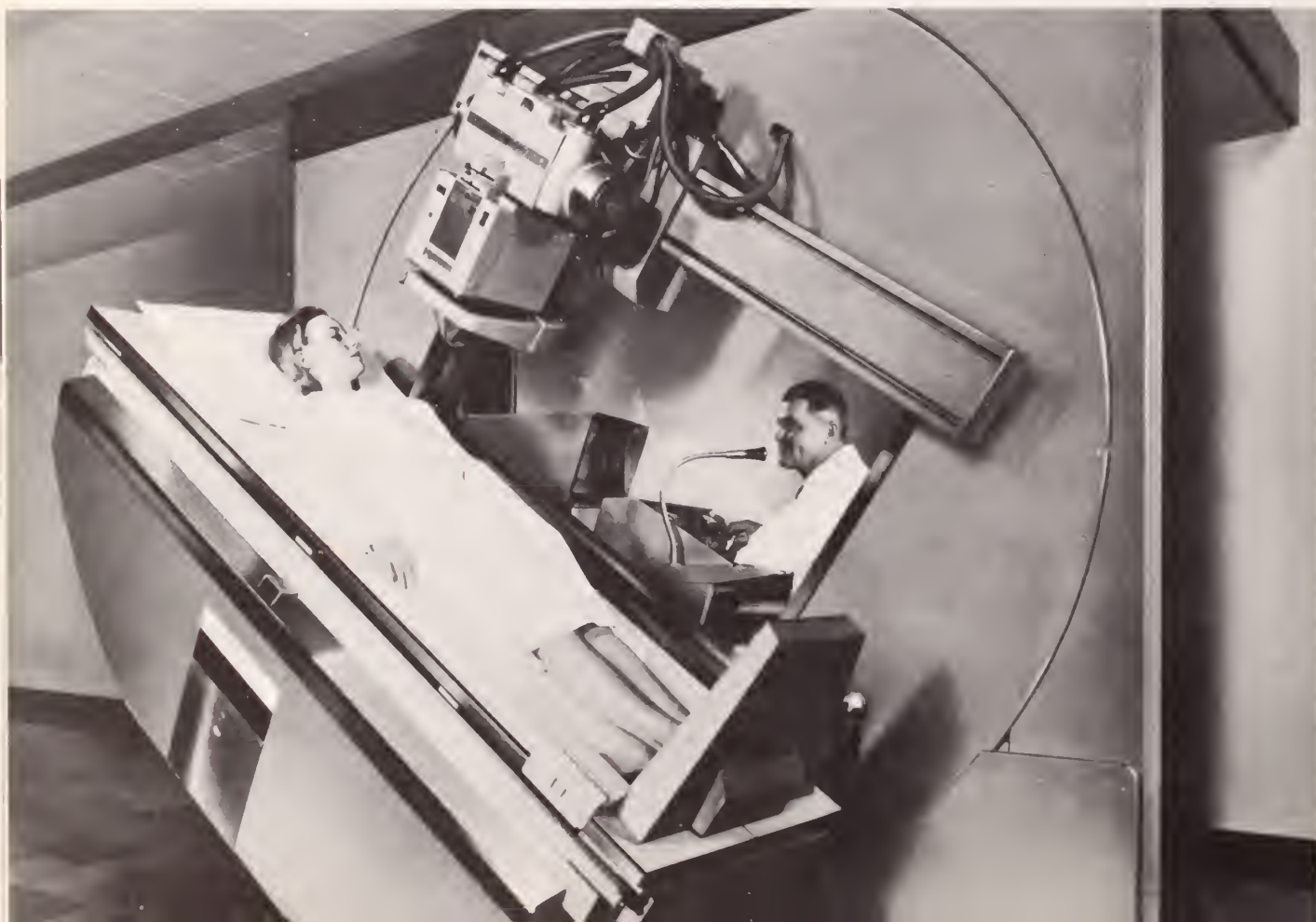
The In-Patient and Out-Patient Departments, in cooperation with the Westchester Community Mental Health Board, have been cooperating to provide increased services to the local community.

Radiology

JOHN A. EVANS, M.D.
Radiologist-in-Chief

THE Department of Radiology for the year 1966 continued to provide a wide and varied type of radiologic service for patients of The New York Hospital. The volume of diagnostic radiology has increased over 35 per cent in the past ten years. The ever-increasing refinement of specialized radiologic techniques requires highly developed radiologic skills as well as increasingly more sophisticated, complex and expensive equipment.

*Maneuverable "floating table" in the Department of Radiology
was installed at a cost of \$74,000.*



Many of the more complicated diagnostic examinations require the cooperation of specialists from other clinical services, highly trained teams of technicians and nursing support. Furthermore all must now be available for emergency as well as routine use. The Radiology Department like other clinical departments in the hospital operates twenty-four hours a day, seven days a week.

The trend in recent years towards the division of Radiology into separate specialties of roentgen diagnosis and roentgen therapy posed a number of interesting and provocative considerations, one of which was how to provide patients in The New York Hospital with the advantages of the most advanced radiation therapy equipment and techniques. After extended discussion on this subject, it was recognized that Memorial Hospital had just completed a magnificent new radiation therapy facility providing the latest and most advanced scientific developments in this field. Direct access to this facility from The New York Hospital is possible by use of the tunnel system. Since this new facility could easily accommodate those patients of The New York Hospital requiring X-ray therapy and since duplication of such an enormously expensive facility just across the street hardly seemed justified, it appeared logical and highly desirable to have Memorial Hospital assume the primary responsibility for furnishing radiation therapy services for The New York Hospital.

Consultation with the appropriate groups at Memorial Hospital resulted in a satisfactory understanding with respect to the sharing of certain highly complex, sophisticated and expensive X-ray facilities. Implementation of this policy was begun in June 1966 when outpatient radiation therapy service at The New York Hospital was discontinued.

For the present most hospitalized patients who require X-ray therapy will continue to receive these treatments in The New York

“...The ever-increasing refinement of techniques requires highly developed skills as well as...more expensive equipment...”

Hospital. Senior members of the Radiation Therapy staff of Memorial Hospital will be assigned to The New York Hospital for the purpose of consultation and supervision of those patients undergoing various forms of radiation therapy.

This action with respect to radiation therapy represents a most significant event in the relationship of these institutions, since we have set a pattern for closer integration of specialized Center facilities.

Dr. Harry W. Burnett, for many years in charge of the radiation therapy service of the department, resigned to enter private practice. Dr. Burnett had been a dedicated and distinguished member of the Radiology staff since completing his radiology residency at The New York Hospital in 1948. Other resignations included those of Dr. Marvin Loring, Assistant Attending Radiologist; Dr. Thane Asch, Assistant Attending Radiologist; and Dr. Harry L. Stein, Assistant Attending Radiologist. Dr. Loring has joined the radiation therapy staff of Memorial Hospital.

Dr. Richard Fleming became an Associate Attending Radiologist. Dr. Fleming had been a member of the Radiology staff of Columbia-Presbyterian Medical Center. His primary interest and responsibility are in cardiovascular radiology.

Dr. David G. Bragg was appointed Assistant Attending Radiologist. Dr. Bragg comes from the Columbia-Presbyterian Medical Center. His primary interest and responsibility are gastro-intestinal radiology and the graduate training program in radiology.

Surgery

FRANK GLENN, M.D.
Surgeon-in-Chief

THE activities of the Department of Surgery have been many and varied during the year. There has been increased and improved patient care and continuation of research aimed at solving some of the many problems remaining in the diagnosis and treatment of disease.

Too short a time has elapsed to allow meaningful evaluation of the impact of Medicare and Medicaid programs on the Department of Surgery, but so far there has not been an increase in the proportion of older patients on the surgical pavilions.

Also, there has not been an increase in older ambulatory patients, although a greater number of diagnostic examinations and supplementary evaluations, including X-rays, are being performed.

Dr. Edward Goldsmith, with Dr. Benjamin Kean from the Department of Medicine, has developed a procedure for extracorporeal filtering of schistosoma from the portal blood of patients. This operation was performed on 25 patients in Salvador, Bahia, Brazil and promises to be an important contribution to the study and treatment of schistosomiasis. A similar procedure is being developed for the filtering of schistosoma hematobium from the pelvic veins.

Dr. John McLean and his associates have completed their pioneering work in the use of extreme cold in ophthalmic surgery (cryosurgery). As a result of this work, a large number of patients with difficult and unusual conditions of the eye are being referred to this Hospital from all over the country. This pertains particularly to retinal problems, and also

to the field of glaucoma and selected intra-ocular tumors.

Dr. Peter Guida has successfully built a hybrid computer, a combination of a digital and analog computer. This computer is being applied to research in hemodynamics and permits creation of the hemodynamic patterns of vascular disease. It also interprets the results of theoretical surgical procedures on abnormal blood-flow patterns, and does both of these things in a short period of time. To some extent, this computer both eliminates the need for experimental animals and also provides answers much faster than previously was possible. It thus promises to serve a valuable function in future vascular research and the application of surgery to vascular disease.

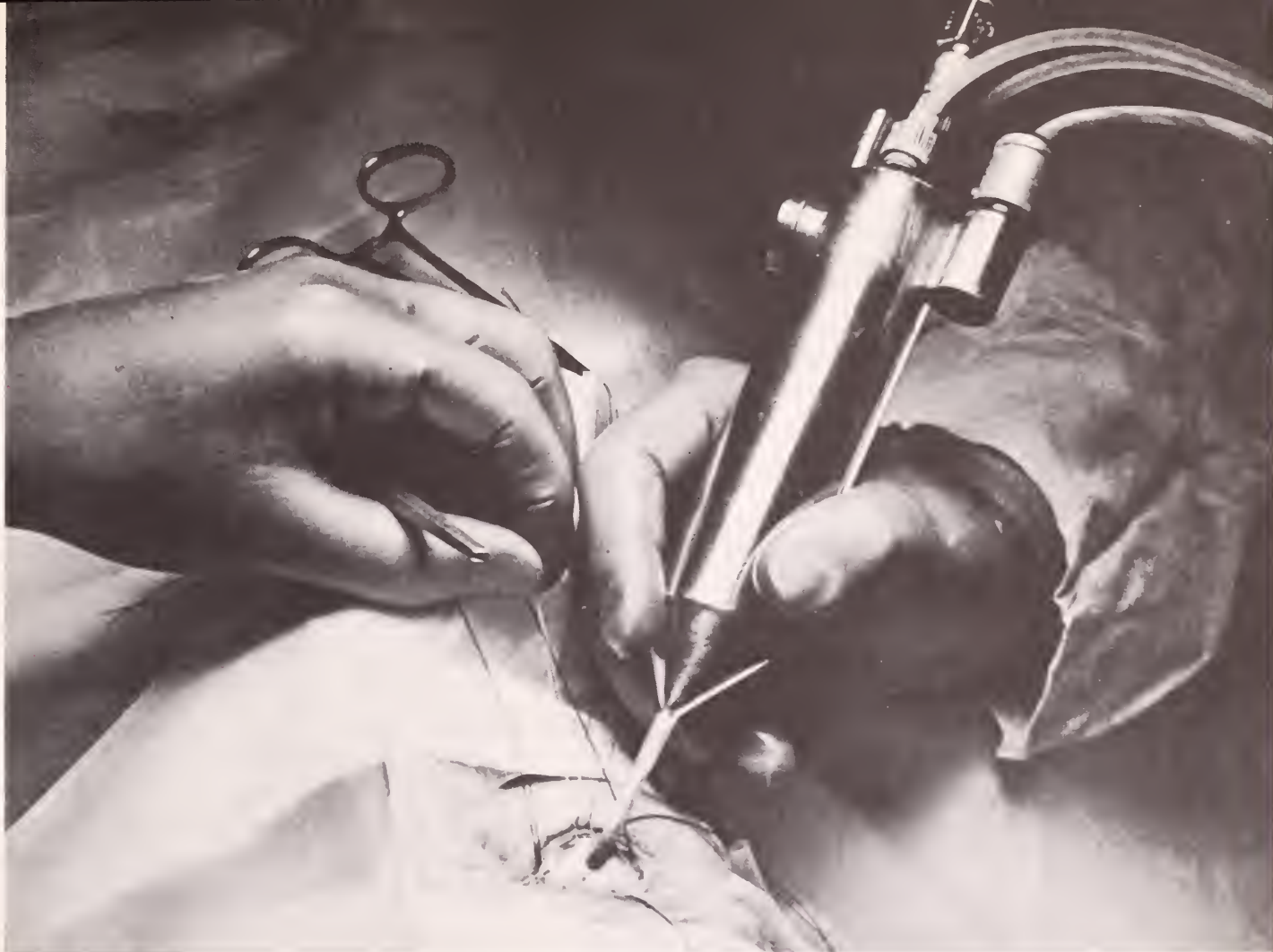
Dr. Arthur Okinaka is investigating changes in bronchial secretions following chest surgery and relating these to pulmonary congestion.

Drs. Frank Redo and Hans Kivelitz have continued their efforts in constructing a mechanical heart substitute.

Dr. Charles McSherry continues work with hyperbaric oxygen therapy. During the year the chamber has been applied to investigations relating to decreased blood supply to the brain and ways to improve the viability of tissue flaps for reconstructive purposes.

At the Hospital for Special Surgery, Dr. Goran Bauer is applying isotopes to the diagnosis of skeletal disease. Some remarkable results based on the selective affinity of Strontium have been obtained in locating disease where other methods fail. These methods are being applied in instances of tumor infection or arthritis.

“... extra-corporeal filtering of schistosoma from the portal blood of patients ... promises to be an important contribution ...”



Cryosurgery, the use of extreme cold, for eye operations was perfected in this Hospital and has been widely adopted.

In the neurosurgical field, Dr. Richard Bergland is pursuing studies on the anatomical relationships of the pituitary gland and relating these to the various approaches used for surgical extirpation. Dr. Bergland is also engaged in electron-microscopic evaluation of the cellular components of the pituitary, which promises to be a fruitful undertaking, since by this method six cellular types may be recognized, each probably responsible for a particular endocrine function.

Dr. Paul Skudder, working with the Committee on Trauma of the American College of Surgeons, has developed a program for the prevention of tetanus. As a result of this undertaking, the use of equine tetanus antitoxin has been stopped at The New York Hospital and elsewhere and human tetanus immune globulin used in its stead.

A new and non-reactive material for the use

in repairing tissue defects is being tested by Dr. William Grafe. The need for such a truly non-reactive material is great, particularly where extensive loss precludes the use of the body's own tissues.

Dr. John H. McGovern of the division of urology was promoted to Attending Surgeon. Dr. George N. Cornell became an Associate Attending Surgeon in general surgery, and Dr. Russel H. Patterson, Jr. in neurosurgery.

“... a large number of patients with difficult and unusual conditions of the eye are being referred to this Hospital from all over the country ...”

Report of the Director

HENRY N. PRATT, M.D.

DURING the year 1966, The New York Hospital cared for 33,238 hospitalized patients, who were treated for a total of 447,809 patient days. The total number of visits to the ambulatory clinics was 227,970; 30,409 visits were also made to the Emergency Pavilion. Thus the Hospital continued to provide a wide range of services to the people of the community.

The facilities of the Hospital were improved during the year by the establishment of an intensive care unit for the patients of the Obstetrics and Gynecology Department. The Division of Pediatric Hematology opened extensive new research facilities, financed by an endowment from the Children's Blood Foundation, Inc. A new facility for treatment and

study of endocrine problems in infants was begun in the DuBois Research Pavilion. Laboratory facilities for the treatment and diagnosis of patients continued to be improved, notably in the Pediatrics Department, where three new clinical laboratories were established.

The Hospital continued to benefit from the services of the Volunteers, who numbered 440 during the year and contributed 62,004 hours of skilled work. The contribution which these selfless men and women make to the smooth operation of the institution is highly valued.

In 1966 the country saw the greatest change in the economics of health care since the initiation of Blue Cross in the early Thirties. This change relates to the financing of personal health care by various levels of government.

In addition to the widely publicized federal Medicare and Medicaid programs, the Folsom Act was passed toward the end of the 1965 State Legislative session. This Act has deep significance in the health care field. The Folsom Act provides that government payments to hospitals for in-patient and out-patient care, of individuals for whom State and local governments are responsible, should approximate the actual cost of the care.

In New York City, the law covers people on welfare rolls as well as those designated as "medically indigent" who are able to feed, clothe and shelter themselves and their families but cannot pay for personal health services.

This law became effective for in-patient care on February 1, 1966. On July 1, the provisions of Medicare and Medicaid became operative, and the flow of federal funds was added to that of City and State so that 42 per

Abnormality of cells can be determined through microscopic examination by a cytotechnologist.



cent of operating income for in-patient services now comes from governmental sources. As a result, the deficit which the Hospital normally sustained for patients in the pavilion services was substantially reduced.

Augmented payments for ambulatory care in the Out-Patient Department were postponed, but at the turn of the year there was reason to believe that such payments would be made on a substantially increased basis. Every visit to the Out-Patient Department costs an estimated \$16. Previously, people on welfare rolls had their treatments paid for by the Welfare Department at the rate of only \$7. It is now expected that that payment will be increased to \$11 for visits made between July 1, 1966 and July 1, 1967, and for visits thereafter at a figure more nearly approximating the full cost. When this is done, the Out-Patient Department of the Hospital will be much further along the road to being self-sustaining.

The impact of the current wave of legislation is evident in part in the following figures for the Hospital operation during the year 1966:

	Net Income	
	1966	1965
The New York		
Hospital	\$ 151,683	\$—389,298
Payne Whitney		
Psychiatric Clinic	— 36,836	— 34,478
Westchester Division	— 27,635	45,425
Total for the Society	\$ 87,212	\$—378,351

Capital expenditures, other than those for which gifts or funds were specifically designated, came to \$1,192,391.

A rise in accounts receivable stems from delayed payments by governmental agencies. It is hoped that this trend will be reversed as administrative procedures are improved and streamlined.

Though some of the problems of financing the voluntary hospital have thus been allev-



Administrative difficulties caused by Medicare did not affect outstanding care for elderly patients.

iated, other problems remain, and new ones arise. One is the probability of more extensive governmental regulation of health services, with the ever-present danger of stifling initiative which has been the main source of progress in the health field.

Public regulation of voluntary hospitals is not new. A recent incomplete count of licenses, permits, certificates, reports and inspections required by governmental agencies of certain voluntary hospitals in New York City showed



The doors of The New York Hospital are never closed, day or night.

a total of 105. In addition, reports, inspections and accreditations by voluntary agencies totalled 38. In recent months there has been a steadily rising stream of regulations emanating from the State and Federal governments.

The spectre of over-regulation looms larger on the horizon because of the almost inevitable rise in hospital costs. Such a rise can be anticipated because of the following factors, among others: the ever-quickenning pace in the forward progress of medical science, which will be the largest single factor in rising costs; the continuing inflationary trend in our national economy; the necessity of higher wages to compete with rising wages paid in industry; the need for capital funds to replace, increase and improve plant and equipment; and the need to employ more clerical personnel to permit compliance with all the paper work mandatory under these systems.

Another factor which will raise costs is the trend for hospitals to become the center of the community's health activities. Hospital-centered home care programs, rehabilitation facilities, the slow and steady growth in the employment of full-time physicians and the increasing emphasis on ambulatory care are examples. The provision of these and other services will reduce the total community bill for health services, but it must eventuate in higher operating costs for hospitals and con-

sequently increased charges to patients and higher Blue Cross premiums.

What will be the public reaction to rising hospital costs? There is the danger that public regulatory bodies, reacting to an unenlightened public opinion, may attempt to put an artificial ceiling on hospital rates. This would be calamitous to the teaching hospitals where great medical advances are evolved.

The solution would seem to lie in educating the public. There is now a swelling public demand for better health care, available to more groups of people, accompanied by an outcry for the conquest of all major diseases. It must be brought home to the public that if these goals are to be reached, then the forces in America which have accomplished so much for the health of humanity in the last half-century, not the least among them the great voluntary teaching hospitals, must have room and freedom of action to accomplish the job.

The close of the year marked the author's retirement from the post of Director, after 18 years of association with The New York Hospital. It has been a deep privilege to have had this association. The memory will live with me and provide inspiration for many years to come, memories of exciting challenges and fruitful collaboration with others in the service of an institution which reflects the highest ideals of mankind.

Report of the Nursing Service

MURIEL R. CARBERY
Director

DURING the year 1966, The New York Hospital successfully weathered the nation-wide nursing shortage and took aggressive steps to offset its effects on patient care. In addition, a broad program was inaugurated designed to recruit more young women to the profession, to bring larger numbers of professionally qualified nurses to this Hospital and to make the most efficient use possible of the personnel employed.

The acute shortage of nurses in American hospitals has been brought to public attention by the Surgeon General of the United States; by the findings of the Governor's Committee (Folsom Report) and now by an exhaustive study and report of the New York State Joint Legislative Committee on the Problems of Public Health and Medicare, headed by Senator Norman F. Lent and released on October 31, 1966.

A rapid growth in the population of New York State with an increased percentage of older persons has given rise to an unprecedented demand for nurses and nursing services. Career opportunities for women have opened up in many other fields. The lower degree of economic reward in nursing has the further disadvantage of requiring service around the clock in a society geared to a nine to five, forty-hour week existence.

Within the profession itself, the opportunities for employment have expanded, thus causing a further decrease in the number of nurses available for hospital bedside nursing. Where previously registered professional nurses worked mainly in hospitals, in schools of

nursing, in public health, industry and private homes, they now find themselves in demand additionally as school nurse teachers, consultants, assistants in doctors' offices, clinical specialists in coronary care units and as researchers. As technology expands, additional responsibilities will be assumed by nurses.

The real issue at the heart of the shortage is that salaries are too low to induce significant numbers of young people to make nursing a career choice. Three times during 1966 salary ranges for professional nurses at The New York Hospital were adjusted upwards to improve the economic well-being of the staff and to improve our position in recruiting and retaining adequate numbers of qualified nurses.

☛...Three times during 1966 salary ranges for professional nurses at The New York Hospital were adjusted upwards...☛

The nursing shortage particularly in the Operating Rooms affected patient admissions and operations. Although the situation in general did not change markedly, the shortage of 20 professional nurses in the Operating Room was serious. The steps taken in November to combat further shortage were:

1. General salary increases for all professional nurses;
2. Premium pay of \$100 additional per month for Operating Room nurses; \$75 per month for practical nurses and technicians;
3. Aggressive advertising of the new salaries locally and nationally;
4. Establishment of a 4-6 months training program for Operating Room technicians, leading to certification;
5. Preparation for establishing a 12-months training program for professional nurses.

leading to certification as clinical specialists in Operating Room Nursing.

In June the Medical Board appointed a Committee on Patient Care to consider patient care in all its aspects. It is anticipated that the deliberations of this committee will assist in developing realistic and forward-looking standards for maintaining effective health care.

To help meet the demand for short-term courses for nurses in coronary care, our Medical Center offers a six-week course, five times a year, to help the graduate nurse gain the necessary knowledge and skills for effective functioning in a Coronary Care Unit. It is planned especially for nurses who will have direct patient care responsibility in the community hospital.

The well-established institutes for physicians and nurses in the Care of Premature and other High-Risk Infants continue to be held

five times a year at The New York Hospital-Cornell Medical Center under the sponsorship of the New York State Department of Health and the U. S. Children's Bureau. Nurses attend for an additional two weeks prior to the two-week-long physician-nurse sessions of this full-time intensive program. This schedule permits the nurses to have a preliminary refresher session in the basic physiology of infants.

The employment of clinical nursing specialists to help a specific group of patients has improved the quality of care received by their patients. Miss Gyla Brooks concentrates on geriatric patients with rehabilitation potential; Miss Berniece Cramer is our nursing expert relative to family planning; Miss Virginia Dericks has vast experience as a practitioner providing a comprehensive type of care for patients with "ostomies."

Scholarship aid has encouraged registered nurses to seek further academic training. This

Many more nurses are being recruited and trained for positions as operating room nurses, vital members of the health care team.



program, funded by the Hospital, provided assistance to 77 nurses in 1966.

Thirty-four members of the 1966 graduating class of Cornell University-New York Hospital School of Nursing joined the staff.

In its nineteenth year of fund raising for the School, the Committee for Scholarships has again provided much needed financial assistance. The contributions of the Committee now total \$115,900. This fund has provided assistance to 356 students to date.

The work opportunities for nursing students, planned cooperatively with Nursing Service, resulted in valuable assistance to our

patients: 151 worked part-time during the year; 48 sought full-time assignments during the summer; 49 took the licensing examination for Practical Nursing and performed at that level.

Miss Jean Pardey completed a Master's program in Nursing Service Administration and rejoined the staff as Administrative Assistant (evenings) in the Central Nursing Office on March 28, 1966.

Mrs. Veronica Lyons Roehner, Associate Dean, retired on January 3, 1966 after almost 32 years of leadership in the Nursing Service and the School of Nursing.

Report of the Women's Auxiliary

MRS. VAN VECHTEN BURGER

Chairman

THE Women's Auxiliary had a most successful year, expanding its membership and its activities on behalf of the Hospital. Mrs. William M. Duryea resigned her position as chairman in April, 1966, after a tenure of office which was characterized by devoted service and able leadership.

The fund-raising activities of the year were highlighted by gifts for the United Hospital Fund, amounting to over \$125,000. Mrs. Henry Carr and Mrs. Horace Baldwin were co-chairmen of the fund drive.

A feature of the year's program was a highly successful luncheon and fashion show, organized by Mrs. Crawford Hill and the members of her committee. This was the first such affair undertaken by the Auxiliary for the benefit of the Hospital's Thrift Shop. The attendance was well over four hundred.

The Gift and Thrift Shop expanded its activities in the attractive new quarters at 1562

Third Avenue. Mrs. John Baringer, chairman of the Thrift Shop Committee, was successful in stimulating increased donations of goods to be sold and in initiating a plan for publicity. Many members assisted not only by making donations but also as volunteers sorting and marking the merchandise.

The Nursing Committee, under the chairmanship of Mrs. John Parkinson, arranged two beach picnics and a trip to Stratford, Conn., to attend a performance of Shakespeare. Blocks of seats for popular movies were obtained and sold very reasonably to the nurses. Unused tickets for benefit performances, donated to the committee, also provided hours of entertainment. The Auxiliary in addition contributed magazines for use in the Nurses' Lounge.

Mrs. Center Hitchcock, chairman of the Pediatrics Committee, sponsored a highly successful Christmas party for the child patients



Every penny raised by the Gifts and Thrift Shop goes to aid The New York Hospital.

in the Hospital. Much needed shelves were donated to the Pediatrics Department for storing toys.

The Occupational Therapy Committee, chaired by Mrs. Philip Hopp, and the Social Service Committee, chaired by Mrs. Robert Winthrop, continued their energetic support. Both services received financial contributions and hours of work from volunteers.

The Hospital Gift Shop had a profitable year, and raised \$15,000 for the use of the Hospital. Mrs. Malcolm Smith is chairman of the Gift Shop Committee. Mrs. Thor Thors, Jr., chairman of the Patients Library Committee, reported that the annual book sale raised over \$1,000. The volunteers continued to give their invaluable services to the library, which provides much pleasure to patients.

Mrs. Allston Flagg and Mrs. Lauretta Robinson, co-chairmen of the Payne Whitney Psychiatric Clinic Committee, arranged for donations of pianos, radios, books and carpet-

ing. The Occupational Therapy kitchen which was donated by the Auxiliary has been used by large numbers of patients.

The Volunteer Committee, under the chairmanship of Mrs. Warren Hedden, arranged several events which were interesting and informative, including an address by Mrs. Margaretta Treherne-Thomas, Director of Volunteers, followed by luncheon and a tour of the Hospital for the new auxiliary members. The Auxiliary was further honored by Miss Marjorie A. Jonas, M.S., Director of Social Service, who spoke on the history of that important science, and by Dr. E. Hugh Luckey, President of the Center, who discussed the system and practice of medicine in Russia.

The Auxiliary welcomed the following new members: Mesdames Murray Dworetzky, Edwin Hauser, H. Donnelly Keresey, Shumer Lonoff, Locke McLean, Stanley Reed, Jr., and Harrilaos Theodoropolus. Mrs. Duryea Peck rejoined after returning to the city.

Standing Committees of The Board of Governors/1967

Officers: See page 2

Executive Committee	Frederick K. Trask, Jr. <i>Chairman</i> Walter G. Dunnington, Jr. Ernest F. Gamache Kenneth H. Hannan	Mrs. Nathaniel P. Hill Louis M. Loeb Jean Mauzé George S. Moore	Stanley de J. Osborne Mrs. John T. Pratt, Jr. David D. Thompson, M.D. John Hay Whitney
Westchester Division Committee	Edward W. Bourne <i>Chairman</i> R. Palmer Baker, Jr.	Ernest F. Gamache Walter A. Kernan Joseph Verner Reed, Jr.	David D. Thompson, M.D. Albert Carey Wall
Membership Committee	Walter G. Dunnington, Jr. <i>Chairman</i> Ernest F. Gamache Mrs. Nathaniel P. Hill	Mrs. Maynard C. Ivison Francis Kernan Devereux Milburn	A. G. Paine Willard S. Simpkins John L. Weinberg
Finance Committee	Jean Mauzé <i>Chairman</i> Benjamin S. Clark	Vincent de Roulet Ernest F. Gamache John L. Loeb	Samuel C. Park, Jr. David D. Thompson, M.D. Frederick K. Trask, Jr.
Payne Whitney Psychiatric Committee	Edward W. Bourne <i>Chairman</i> George F. Baker, Jr.	R. Palmer Baker, Jr. Ernest F. Gamache Walter A. Kernan	Jean Mauzé Joseph Verner Reed, Jr. David D. Thompson, M.D.
Nominations Committee	Kenneth H. Hannan <i>Chairman</i> Richard Croft	Francis Kernan Devereux Milburn	Frederick K. Trask, Jr. John Hay Whitney
Law Committee	Louis M. Loeb <i>Chairman</i>	Edward W. Bourne	Walter G. Dunnington, Jr.
Real Estate Committee	Robert W. Purcell <i>Chairman</i> R. Palmer Baker	Ernest F. Gamache Walter A. Kernan	Ogden Phipps David D. Thompson, M.D.
Audit Committee	John L. Weinberg <i>Chairman</i> George F. Baker, Jr.	William A.M. Burden George S. Moore	Stanley de J. Osborne Samuel C. Park, Jr.
Budget Committee	Stanley de J. Osborne <i>Chairman</i>	Kenneth H. Hannan	Jean Mauzé
Hospital Art Committee	Willard S. Simpkins <i>Chairman</i> William Bailey	Mrs. Tracy Barnes Ernest F. Gamache David D. Thompson, M.D.	John Walker Mrs. George Henry Warren
Retirement Board	Louis M. Loeb <i>Chairman</i>	Ernest F. Gamache Samuel C. Park, Jr.	David D. Thompson, M.D. Albert Carey Wall

Officers of the Women's Auxiliary of The New York Hospital

Mrs. Van Vechten Burger
Chairman

Mrs. Thor Thors, Jr.
Vice-Chairman

Mrs. Nathaniel P. Hill
Treasurer

Mrs. Warren R. Hedden
Vice-Chairman

Mrs. William M. Duryea, Jr.
Secretary

Officers of the Ladies' Auxiliary to the Lying-In Hospital

Mrs. David N. Barrows
President

Mrs. Paul Pryibil
Treasurer

Mrs. Elmer Kramer
Recording Secretary

Mrs. J. Culbert Palmer
Vice-President

Mrs. Graham Hawks
Assistant Treasurer

Mrs. Randolph Gepfert
Corresponding Secretary

Administrative Officers/1967

Director

David D. Thompson, M.D.

Administrator

August H. Groeschel, M.D.

Comptroller

George J. McBride

Associate Director

William H. Scott

Associate Director for Corporate Affairs

Ernest F. Gamache

Director, Ambulatory Services

Allyn B. Ley, M.D.

Director, Nursing Service;

Dean, School of Nursing

Muriel Carbery, M.S., R.N.

Associate Dean, School of Nursing

Mrs. Ruth L. Kelly, Ed. D., R.N.

Director, Personnel

H. Henry Bertram

Director, Public Relations

Mrs. Kay Bailly

Chief Pharmacist

Norman Baker, B.S.

Director, Information

Helen J. Campbell

Director, Personnel Health

William N. Christenson, M.D.

Purchasing Agent

Lloyd G. Darling

Director, Medical Information

Jennie De Prima

Director, Building Service

Charles W. Farnham

Chief, Engineering

David Ferguson

Assistant to the Director,

Payne Whitney Psychiatric Clinic

Ronald Hamann

Director, Social Service

Marjorie Jonas, M.S.

Executive Assistant

Edmund Kadysiewski

Director, Linen and Laundry

John F. Kenney

Executive Assistant

Cosmo J. La Costa

Record Librarian

Helen B. Lincoln, B.A., C.R.L.

Director, Security

Vincent E. Loughlin

Director, Nutrition

Esther J. Mackereth

Manager, Accounts

John J. Moore

Executive Assistant,

Building and Communication Services

James J. O'Connell

General Storekeeper

Henry E. Schlereth

Director, Volunteers

Mrs. Margaretta Treherne-Thomas

Executive Assistant,

Purchase and Supplies

William Walton, B.A.

Chief of Service,

Vincent Astor Diagnostic Service

Robert F. Watson, M.D.

Director, Central Sterile Supply

Martha L. Weller, R.N.

Financial Statements

THE SOCIETY OF THE NEW YORK HOSPITAL, DECEMBER 31, 1966

Balance Sheet

December 31, 1966

ASSETS		
CASH		\$ 1,750,779
ACCOUNTS RECEIVABLE:		
Patient care, less reserves of \$1,996,716	\$ 7,788,802	
Other	609,658	8,398,460
INVENTORIES (at average cost), PREPAID EXPENSES AND DEFERRED CHARGES		1,594,008
INVESTMENTS:		
Marketable securities, at cost (quoted market prices \$41,907,049)	\$34,080,684	
Nonmarketable securities, at stated contributed value	5,005,866	
Real estate and mortgages	276,335	39,362,885
PLANT AND PROPERTY (Note 1):		
Land, buildings and equipment	\$63,957,577	
Less—Accumulated depreciation	23,195,264	40,762,313
		<u>\$91,868,445</u>
LIABILITIES AND CAPITAL		
LIABILITIES:		
Accounts payable		\$ 1,478,758
Accrued liabilities		833,664
Temporary funds for special purposes		483,279
Retainage on construction contract (Note 1)		719,167
Long-term debt (Note 2)—		
5% mortgage payable	\$4,456,700	
4% note payable	1,000,000	5,456,700
		<u>\$ 8,971,568</u>
CAPITAL (Including restricted and plant funds of \$76,258,456) (Notes 3, 4 and 6)		82,896,877
		<u>\$91,868,445</u>

The accompanying notes to financial statements are an integral part of this balance sheet.

Statement of Income

For the Years Ended December 31, 1966 and 1965

	1966	1965
OPERATING INCOME:		
Care of patients (Note 3)	\$30,452,515	\$27,487,824
Other	1,831,341	1,818,714
Total	\$32,283,856	\$29,306,538
OPERATING EXPENSES:		
Nursing	\$12,416,278	\$11,483,093
Other professional services	7,587,981	6,788,775
Household and property operation	5,178,476	5,158,423
Nutrition	3,277,560	3,146,184
Provision for depreciation	1,287,277	1,168,914
Provision for employees' retirement plan (Note 5)	583,220	307,183
Administrative and general	4,650,122	4,047,432
Total	\$34,980,914	\$32,100,004
Operating loss	\$ 2,697,058	\$ 2,793,466
INCOME FROM INVESTMENTS AND CHARITABLE TRUSTS	1,425,348	1,320,709
Deficit for the year before current contributions	\$ 1,271,710	\$ 1,472,757
CURRENT CONTRIBUTIONS:		
Amounts designated for special purposes and for psychiatric divisions	\$ 808,999	\$ 827,589
Distributions from the United Hospital Fund and The Greater New York Fund	250,877	242,992
Appropriation from the Fund for Medical Progress (Note 4)	1,006,721	782,531
Total	\$ 2,066,597	\$ 1,853,112
Less—Amounts designated for special purposes	707,675	758,706
Net current contributions	\$ 1,358,922	\$ 1,094,406
Net income (deficit) for the year transferred to capital (Note 3)	\$ 87,212	(\$ 378,351)

The accompanying notes to financial statements are an integral part of this statement.

Changes in Capital

For the Year Ended December 31, 1966

BALANCE, December 31, 1965			\$79,126,920
ADD (DEDUCT) :			
Net income for the year			87,212
Amounts designated for, or allocated to, the Fund for Medical Progress (Note 4) (including net gain on sales of securities of \$222,797 and income on invested funds of \$565,555)		\$3,988,853	
Less--			
Appropriation to General Fund	\$1,006,721		
Payment to Cornell University Medical College of allocable joint gifts received by the Society	197,980		
Fund raising costs	71,676	1,276,377	2,712,476
Restricted legacies and capital gifts			471,294
Gain on sales of securities (net)			567,681
Transfer to temporary funds for special purposes			(87,000)
Miscellaneous			18,294
BALANCE, December 31, 1966 (Notes 3, 4 and 6)			<u>\$82,896,877</u>

The accompanying notes to financial statements are an integral part of this statement.

ARTHUR ANDERSEN & Co. 80 PINE STREET NEW YORK, N. Y.

April 5, 1967.

To the Board of Governors,
The Society of the New York Hospital:

We have examined the balance sheet of The Society of the New York Hospital (a charitable corporation organized in New York in 1771) as of December 31, 1966, and the related statements of income and changes in capital for the year then ended. Our examination was made in accordance with generally accepted auditing standards, and accordingly included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

In our opinion, the accompanying balance sheet and statements of income and changes in capital present fairly the assets, liabilities and capital of The Society of the New York Hospital as of December 31, 1966, and the results of its operations for the year then ended, in conformity with generally accepted accounting principles applied on a basis consistent with that of the preceding year.

Arthur Andersen & Co.

Notes to Financial Statements

December 31, 1966

- (1) The balances in the plant and property accounts of the Society at December 31, 1966, are set forth below (Payne Whitney Psychiatric Division plant and property represents a Restricted Plant Fund) :

	Gross Amount	Accumulated Depreciation	Net Amount
BUILDINGS:			
New York Division, at cost (Note 2) (*)	\$27,429,248	\$ 6,270,333	\$21,158,915
Payne Whitney Psychiatric Division, at cost	1,806,249	783,863	1,022,386
Westchester Division, at values as appraised by the Society at December 31, 1949, plus subsequent additions at cost	5,579,778	3,852,494	1,727,284
	<u>\$34,815,275</u>	<u>\$10,906,690</u>	<u>\$23,908,585</u>
BUILDING FIXTURES AND EQUIPMENT, AT COST:			
New York Division	\$20,009,438	\$10,077,652	\$ 9,931,786
Payne Whitney Psychiatric Division	1,044,058	868,717	175,341
Westchester Division	3,056,771	1,342,205	1,714,566
	<u>\$24,110,267</u>	<u>\$12,288,574</u>	<u>\$11,821,693</u>
LAND, AT ASSESSED VALUES AT DECEMBER 31, 1943, PLUS SUBSEQUENT ADDITIONS AT COST:			
New York Division (Note 2) (*)	\$ 3,811,506	\$ —	\$ 3,811,506
Payne Whitney Psychiatric Division	190,350	—	190,350
Westchester Division	1,030,178	—	1,030,178
	<u>\$ 5,032,034</u>	<u>\$ —</u>	<u>\$ 5,032,034</u>
MEDICAL SCHOOL BUILDINGS, AT NOMINAL VALUE			
	\$ 1	\$ —	\$ 1
	<u>\$63,957,577</u>	<u>\$23,195,264</u>	<u>\$40,762,313</u>

- (*) Includes land and building costs, \$1,659,901 and \$10,119,215, respectively, of the Laurence G. Payson House, an apartment building for staff and other employees, now under construction. The estimated additional cost to complete the Laurence G. Payson House is approximately \$2,200,000, which amount will be financed by additional borrowings (see Note 2).

- (2) The 5% mortgage of \$4,456,700 is secured by the land and building of Laurence G. Payson House (under construction—Note 1). Under the loan agreement the Society may borrow up to \$6,500,000, payable in quarterly installments upon the completion of the building (expected in 1967).

The unsecured 4% note is payable in monthly installments over 20 years beginning one year and one month after date of completion of Laurence G. Payson House.

- (3) The Society received retroactive adjustments to patient care income from Associated Hospital Service plans of New York and New Jersey totaling \$160,511 in 1966 and \$245,820 in 1965 covering insured patients admitted during the calendar years 1965 and 1964, respectively. Approximately \$530,000 in retroactive adjustments from such parties and Medicare may be received in 1967 for patients admitted in 1966, which amount has not been reflected in the accompanying financial statements.

- (4) The Fund for Medical Progress was a joint fund raising campaign with Cornell University Medical College for capital and endowment needs of the New York Hospital-Cornell Medical Center. From inception of the campaign in 1961 through its termination as of December 31, 1966, the Board of Governors authorized that unrestricted contributions, legacies, and memberships received by the Society be added to the Fund for Medical Progress, and the Board appropriated amounts each year to compensate the General Fund for current gifts it might have received if the campaign were not in progress. During the years 1966 and 1965, the Board of Governors appropriated from the Fund for Medical Progress the membership dues and gifts from new donors in the amounts of \$470,076 and \$357,428, respectively, plus \$536,645 and \$425,103, respectively, of the income earned on invested funds.

After aggregate appropriations to the General Fund of \$3,989,252 and payments to Cornell of allocable joint gifts received by the Society of \$745,137, the balance of the Fund for Medical Progress, including net earnings thereon of \$1,625,039, was \$28,115,795 as of December 31, 1966 (exclusive of amounts recorded by Cornell), and is included in restricted and plant capital of the Society.

At December 31, 1966, unpaid pledges to the Fund for Medical Progress (exclusive of direct pledges to Cornell) were approximately \$5,137,000. Such pledges have not been recorded in the accompanying financial statements.

- (5) The Society has a trustee, nonecontributory retirement income plan for all employees which entitles them to receive retirement benefits at age 65 (62 under an early retirement option) after 15 years of creditable service. The Society's policy is to fund pension costs accrued, which amounted to \$583,220 in 1966 and \$307,183 in 1965 as reflected in the accompanying statement of income.

- (6) The Society is the beneficiary of bequests and gifts under various wills and trusts, etc., the realizable amounts of which are not presently determinable.

Highlights of the Year's Statistics

Patient Care

Patients Admitted	1966
Main Hospital	28,459
Newborn	4,158
Payne Whitney Psychiatric Clinic	281
The New York Hospital— Westchester Division	340
Grand Total	<u>33,238</u>
Patient Days, All Divisions, Including Newborn	447,809
Visits to Out-Patient Clinics*	227,970
Visits to Emergency Pavilion	30,409

** Because of a changeover in recording procedures, 1966 totals on Ambulatory patients are not currently available.*

Services to Patients

	1966
Laboratory Examinations	
Bacteriology	117,815
Basal Metabolism	1,371
Blood Bank	95,555
Chemistry	348,789
Clinical Pathology	355,439
Parasitology	6,932
Serology	28,473
*Pediatric Endocrinology	634
Radioisotope Services	3,777
*Pediatric Hematology	14,002
Surgical Pathology	12,111
*Pediatric Ultra Micro-Chemistry	6,400
Miscellaneous	6,637
X-Ray Examinations	124,382
X-Ray Treatments	8,955
Operations	16,826
Deliveries	3,867
Electrocardiograms	28,462
Electroencephalograms	1,675
Social Service Interviews	65,395
Physical Therapy Treatments	15,856
Transfusions	12,596
Pharmacy Prescriptions	202,222
Record Room:	
New Case Records	37,302
Occupational Therapy Treatments:	
Main Hospital	2,713
Recreational Therapy-Pediatrics	38,624

** Activated in 1966.*

Distribution of Beds

	December 31, 1966	
	No. of Beds	
Private		
Main Hospital	115	
Obstetrics and Gynecology	26	
Pediatrics	5	146
Bassinets		16
Total Private		<u>162</u>
Semi-Private		
Two-Bed Baker	63	
Medical and Surgical	171	
Urology	25	
Obstetrics and Gynecology	65	
Pediatrics	19	343
Bassinets		31
Total Semi-Private		<u>374</u>
Pavilion (Ward)		
Medicine	145	
Surgery	124	
Urology	26	
Accident and Emergency	10	
Obstetrics and Gynecology	108	
Pediatrics	93	506
Bassinets		66
Total Pavilion (Ward)		<u>572</u>
Payne Whitney Clinic		109
Total New York City		1,217
The New York Hospital— Westchester Division		350
		<u>1,567</u>

Training Program

	1966
House Staff	206
Nursing Students	
Affiliated, Undergraduate and Practical Nurse Students	257
X-Ray Technician Students	43
Dental Hygienist Students	13
Dietetic Interns	18
Physical Therapist Students	17
Medical Social Work Students	3
Total	<u>557</u>
Payne Whitney Psychiatric Clinic	
House Staff	16
Westchester Division	
House Staff	20
Nursing Students	
Affiliated Undergraduates	48
Grand Total	<u>641</u>

Donors

TO THE SOCIETY OF THE NEW YORK HOSPITAL / 1850-1966

Of sums not less than ten thousand dollars

Simeon Abrahams
In memory of
Major General Julius Ochs Adler
Douglas H. Alexander
Helen D. Alexander
Vivian B. Allen Foundation
For Nursing Scholarships
John Alstyne
Noah W. Amdur
Elizabeth Milbank Anderson
Philip D. Armour
Harriette M. Arnold
Mrs. Max Ascoli
Association for
the Aid of Crippled Children
John J. Astor
Vincent Astor
Lemuel Ayers Cancer Research Fund
Robert Bacon
In memory of Harold S. Baird
George F. Baker
George F. Baker, Jr.
The George F. Baker Charity Trust
Mr. and Mrs. Edward L. Ballard
Matilda C. Bamberger
Ellen Josephine Banker
Henry G. Barbey
Henry I. Barbey
Walter Bareiss
The Barker Welfare Foundation
The Mary W. Barr Memorial Fund
Bernard M. Baruch
Joseph Battell
Howard Bayne
Jeremiah Beall
Charles Bathgate Beck
The Beckman Family Association
Gerard Beekman
Harry Belafonte

Irving Berlin Charitable Fund, Inc.
Louise and Lionel Berman
Frances A. Berry
Harry Payne Bingham, Jr.
Cornelius N. Bliss
Cornelius N. Bliss, Jr.
The Cornelius N. Bliss
Memorial Fund, Inc.
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Mrs. Robert Bogg
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George T. Bowdoin
James Buchanan Brady
Wm. Gage Brady, Jr.
Amelia Breckenridge
Silas Bronson
The Walter Brooks Foundation
George B. Brown
Julia Post Brown
In memory of
Dorothy Seay Brumbaugh
William A. M. Burden
Margaret Burr
Mary Burr
Alfred Busiel
Catherine B. Campbell
Maria L. Campbell
Mrs. W. Gibson Carey, Jr.
Robert W. and Adele Skiddy Carle
Louis N. Cassett Foundation
Morton H. Chadwick
In memory of Anna Chadwick
Gilbert W. Chapman
The Children's Blood Foundation, Inc.

The Children's Welfare Fund
Joseph H. Choate, Jr.
F. Ambrose Clark
Stephen C. Clark
William Clark
Augustus G. Cobb
Mr. and Mrs. George Vernon Coe
The Cofer Foundation
Mrs. Leland Eggleston Cofer
Edward F. Cole
Mr. and Mrs. James J. Colt
Committee for Scholarships
Cornell University-New York Hospital
School of Nursing
The Commonwealth Fund
Emma Elizabeth Conner
Mrs. Hanson K. Corning
William Crawford
Adelaide M. Davis
Mrs. C. Blevins Davis
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Baroness De Hirsch
Elizabeth DeMilt
Pauline Dennerlein
Henry Dexter
The Dextran Corporation Fund
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John H. Flagler
Max C. Fleischmann
Foundation of Nevada
Edward H. Floyd-Jones
Elizabeth Fogg
Hazel Hopkins Ford

- The Ford Foundation
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 William and Martha B. Fraser
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 Mr. and Mrs. P. H. B. Frelinghuysen
 Childs Frick
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 Mabel M. Gabriel
 Mr. and Mrs. Bertin C. Gamble
 Maria J. L. Garcia
 Helen Jay Garretson
 Florence K. and Maxwell M. Geffen
 In memory of Marie Stokes Gilbert
 Caroline Goff
 A. Conger Goodyear
 Mrs. A. Conger Goodyear
 The Zaidee Bliss Goodyear Fund
 Mr. and Mrs. John D. Gordon
 Edwin Gould
 Howard Gould
 Grace Line, Inc.
 W. R. Grace & Co.
 Mary Douglas Graham
 The Grant Foundation, Inc.
 Margaret J. P. Graves
 John C. Green
 Sarah H. Green, Caleb C. Green,
 Charles E. Green, John T. Nixon
 Residuary Legatees of
 the Estate of John C. Green
 Stanton Griffis and
 Theodora Griffis LaTouche
 Mrs. William E. S. Griswold
 Seth Grosvenor
 Emily Morris Hadley
 Hamilton Hadley
 The Hamilton Hadley Fund
 Given by The Rubicon Foundation
 and Others
 Robert L. Hamill
 Edward J. Hancy
 and William Turnbull
 The Marion Cutting Fund
 In memory of Grace E. Harding
 and Lillian E. Harding
 Mrs. Edward S. Harkness
 Duncan G. Harris
 Betsy Head
 George A. Heintzemann
 Barklie and Margaret Henry
 Edward N. Hill
 James N. Hill
 Mrs. James Norman Hill
 Mrs. Nathaniel P. Hill
 Mrs. Thomas Hitchcock
 Maria Hobby
 Harold K. Hochschild
 Edwin J. Hoffritz
 August Horrmann Foundation
 The Huber Foundation
 The R. A. Hummel Memorial Fund
 Roy T. Hurley
 James Hazen Hyde
 The Lillia Babbitt Hyde Foundation
 D. Stewart Iglehart
 Mrs. Roscoe C. Ingalls
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 James Arden Ivers
 William H. Jackson
 Mr. and Mrs. Jeff Jaffe
 The Bert Rubin Foundation
 James Foundation
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 George W. Jewett
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 Mead Johnson and Company
 Augustus D. Julliard
 Madame Jumel
 Polly and Gilbert Kahn
 Foundation, Inc.
 Dudley Kaufman Leukemia Fund
 Frederick Kein
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 Francis Kernan
 Paul K. Knight
 Samuel Kronsby
 Mr. and Mrs. Thomas William Lamont
 Harold M. Lane
 Mr. and Mrs. William S. Lasdon
 Gustavus L. Lawrence
 Thomas Newbold Lawrence Fund
 Lewis Cass Ledyard, Jr.
 Samuel D. Leidesdorf
 James Lenox
 The Samuel Z. Levine Foundation
 In memory of Hortense Libman
 Mr. and Mrs. Edward H. Little
 Mr. and Mrs. John L. Loeb
 Alfred L. Loomis
 Peter Lorillard
 Joseph F. Loubat
 In memory of Anna D. MacDougall
 William H. Macy
 Ellen and Frank J. Manheim
 Hiram Edward Manville Foundation
 Lillian A. Margolyes League, Inc.
 Mrs. Jean Mauzé
 Mr. and Mrs. Jean Mauzé
 John E. McAuliffe
 Mr. and Mrs. L. F. McCollum
 Caroline A. Merrill
 Charles E. Merrill
 Merrill Lynch, Pierce, Fenner & Smith
 Frank J. Meyer
 In memory of
 Florence Kilpatrick Mixer
 John Pierpont Morgan
 John Pierpont Morgan, Jr.
 The William T. Morris
 Foundation, Inc.
 Amelia F. Morse
 Muscular Dystrophy Assn.
 of America, Inc.
 The National Nephrosis
 Foundation, Inc.
 William B. Nesbitt
 Russell H. Nevins
 New York City Society for
 Crippled Children and Adults, Inc.
 The New York Community Trust
 New York Foundation
 New York State Association for
 Crippled Children, Inc.
 George Nichols
 Sallie Lathrop Nichols
 Charles F. Noyes
 Jansen Noyes
 Charles H. Oestreich
 In memory of
 Benjamin J. Oppenheim
 Arthur E. Orvis
 Ethel L. Paddock
 Mr. and Mrs. Robert J. Paisley
 The Ruth Papier Nephrosis
 Foundation of New Jersey
 Major General and
 Mrs. Cortlandt Parker
 Mrs. Charles S. Payson
 Mrs. Laurence G. Payson
 The Barbara Whitney Peck
 Endocrine Fund
 Mrs. Samuel A. Peck
 Edmund Penfold
 Paul G. Pennoyer
 Pepsi-Cola Company
 George W. Perkins
 Alphonso P. Pettis
 Henry Phipps
 Ogden Phipps
 The Eugene H. Pool Memorial
 In memory of Wilson M. Powell
 Elizabeth Woodward Pratt
 Henry N. Pratt, M.D.
 Herbert L. Pratt
 Mrs. Florence E. Pye
 Mrs. Harr F. Ranney
 Frank J. Ransom
 R. Bleecker Rathbone
 Robert Ray
 Daniel G. Reid
 Charles E. Rhinelanders
 William C. Rhinelanders

Kate S. Richardson
 Grace M. Roberts
 The Rockefeller Foundation
 John D. Rockefeller, Jr.
 Nelson A. Rockefeller
 Mr. and Mrs. Richard Rodgers
 Ella A. Rogers
 John Augustus Rogers
 Elihu Root, Jr.
 The Roser Foundation
 In memory of
 Henry and Clara Roser
 Helena Rubinstein
 Thomas F. Ryan
 Russell Sage Foundation
 St. Elizabeth Endowment Fund
 Joseph Sampson
 Henry J. Sanford
 The Mona Bronfman
 Scheckman Foundation, Inc.
 Nicholas M. Schenck
 Mary Ann Schiebel
 In memory of William J. Casey
 In memory of
 Mortimer and Adel Schiff
 School Children's
 Welfare League, Inc.
 Mrs. Stanley J. Seeger
 Edward W. Sheldon
 Mary T. Sheldon
 Mrs. Zalmon G. Simmons
 H. Nelson Slater
 Mrs. Frank R. Smith
 Gertrude Robinson Smith
 The Susan Kennedy Sniffen
 and Consuelo Kennedy Rich Fund
 Katherine Grace Snyder
 Emily F. Southmayd
 Charles Steele
 Mrs. John A. Stewart
 Irwin Strasburger

Robert L. and Alexander Stuart
 Catharine B. Sturgis
 Frank K. Stürgis
 Henry S. Sturgis
 Sylvan League, Inc.
 The Tall Cedars of Lebanon
 George C. Taylor
 Henry Richmond Taylor
 Walter C. Teagle
 Charles G. Thompson
 Elizabeth Thompson
 Mary G. Thompson
 Landon K. Thorne
 Mrs. Josiah Titzell
 Mr. and Mrs. Sam Tour
 Isabel M. Towar
 The Isabel M. Towar Fund
 Josephine S. Treadwell
 George T. Trimble
 Ruth V. Twombly
 Cornelius Vanderbilt
 Harold S. Vanderbilt
 William K. Vanderbilt
 Mr. and Mrs.
 William H. Vander Poel
 Dr. and Mrs.
 George H. Van Emburgh
 Eduard Vis
 Mrs. Frank S. Voss
 Mary C. Walker
 Albert Carey Wall
 The Albert and Bessie Warner Fund
 Harold Weill
 Mrs. Francis M. Weld
 S. Robert Weltz, Jr.
 Caroline White
 The Whitehall Foundation, Inc.
 Cornelius Vanderbilt Whitney
 John Hay Whitney
 Mr. and Mrs. John Hay Whitney

Helen Hay Whitney Charitable Trust
Trustees: Mrs. Charles S. Payson,
 John Hay Whitney
 Payne Whitney
*Trustees under Will
 of Payne Whitney:*
 Lewis Cass Ledyard,
 Lewis Cass Ledyard, Jr.
 and Edward W. Sheldon
*Trustees under Will
 of Gertrude V. Whitney:*
 Mrs. Flora W. Miller
 Mrs. Samuel A. Peck
 and C. V. Whitney
 Mrs. Payne Whitney
 H. Sylvia A. H. G. Wilks
 Samuel Willets
 Langbourne M. Williams
 In grateful memory of
 Pearson E. Neaman
 In honor of Dr. Robert F. Watson
 Dwight Deere Wiman
 Albert H. and Jessie D.
 Wigin Foundation
 Mrs. Robert Winthrop
 Anna Woerishoffer
 John David Wolfe
 The Edna Lowenstein Wolff Fund
 In memory of Abram L. Lowenstein
 In memory of William J. Wollman
 In memory of Joan D. Woodbridge
 Mother of Melissa, 1961
 In memory of Melissa Woodbridge
 Woodward Fund
 James T. Woodward
 William Woodward
 In grateful recognition,
 Mrs. William Woodward
 Mrs. William Woodward, Jr.
 In memory of Ethel Smiley Crowell
 Sarah and Elizabeth Wooley
 Charles C. Wright
 The Bessie Wright Memorial Fund
 Christian A. Zabriskie

Legacies

TO THE SOCIETY OF THE NEW YORK HOSPITAL / 1966

Estate of Bernard M. Baruch
 Estate of Hattie Fox Bass
 Trust u/w Gertrude Hill Gavin
 Trust u/w Jacob H. Geise for
 Elizabeth J. Buisson et al.
 Estate of Lillian Kurtz

Estate of Edith I. Lindstrom
 Estate of Julia B. Locksmith
 Estate of Amelia Margraf
 Estate of Cornelius Von E. Mitchell
 Trust for Myrtle Nobles
 u/i George and Myrtle Nobles

Estate of Gertrude Abbot Phillips
 Estate of Ella W. Prosser
 Trust u/d of Louise B. Scott for
 Veronica McGovern
 Estate of Christopher Story

Endowed Beds

OF THE SOCIETY OF THE NEW YORK HOSPITAL / 1886-1966

- | | | | |
|------|---|------|--|
| 1886 | Robert Livingston Gerry | 1920 | Adelaide Foltz Chapman
In memory of her father, William Stewart Foltz |
| 1901 | Anna Peabody Wainwright
In memory of John Tillotson Wainwright | 1922 | Ellen C. Harris
In memory of George W. Harris |
| 1902 | Margaret J. Plant
In memory of her brother, Simon Loughman | 1922 | Adelina M. Cramer
In memory of her brother, J. William Husemeyer |
| 1903 | Nathaniel Whitman | 1922 | Augusta I. Scott |
| 1904 | Howard Willets
In memory of his son, Jack Willets | 1922 | Mary A. FitzGerald |
| 1904 | Harriette M. Arnold, St. George Bed, Hicks Arnold | 1922 | Minetta C. Howenstine, The Howenstine Beds |
| 1905 | Maria L. Campbell
In memory of Duncan Pearsall Campbell
Governor, 1818-1827 | 1923 | Marion Cutting |
| 1906 | Mr. and Mrs. Henry F. Shoemaker
In memory of their son, William Brock Shoemaker | 1923 | Mary A. FitzGerald |
| 1907 | Catherine L. R. Catlin
In memory of her brother, N. W. Stuyvesant Catlin | 1924 | Lena Cadwalader Evans
In memory of her grandfather, Israel Corse,
a former governor of this Hospital,
and his daughter, Lena Burr Corse Evans |
| 1908 | Kate Fearing Welman
In memory of her father, Charles Edward Strong | 1924 | William G. DeWitt
In memory of his brother, Theodore DeWitt |
| 1909 | Fanny A. Haven
In memory of her husband, George Griswold Haven | 1925 | William P. Wainwright
In memory of his father, William P. Wainwright |
| 1909 | Joel S. Mason
In memory of his parents,
Joel Whitney Mason and Mary Elizabeth Mason | 1925 | William P. Wainwright
In memory of his mother, Cornelia R. Wainwright |
| 1909 | Elizabeth M. Bliss | 1925 | Mr. and Mrs. Gilbert Edward Jones
In loving and thankful memory
of Elizabeth Ingersoll Haven |
| 1910 | Elizabeth Fisher King
In memory of her husband, Edward King,
who died in 1908 | 1926 | Kate Bainbridge Murray
In memory of her brother, Thomas E. Deeley |
| 1912 | Ella R. DeWitt
In memory of her husband, George Gosman DeWitt | 1927 | Theresa R. Irving
In memory of her parents, John Brodhead Beck, M.D.
and Anne Sands Tucker Beck |
| 1912 | Catherine E. Daly | 1927 | Theresa R. Irving
In memory of her husband, Cortlandt Irving,
her brother, Fanning Cobham Tucker Beck,
and her sister, Annie M. Tucker Beck |
| 1913 | Harrison E. Gawtry
In memory of his wife, Louise Brown Gawtry | 1927 | Emily Stewart Waller
In memory of her father, John Aikman Stewart |
| 1914 | Frank Hartley | 1927 | Charles H. Wainwright
In memory of his brother, William P. Wainwright |
| 1915 | Annie L. Morris
In memory of her husband, Fordham Morris,
who died in 1909 | 1927 | Alfonso DeNavarro |
| 1916 | Benjamin Robert Winthrop
In memory of his father, Benjamin Robert Winthrop | 1928 | Mr. and Mrs. Howland Pell
In memory of their son, Howland Gallatin Pell |
| 1919 | Webb Institute of Naval Architecture | | |

- | | | | |
|------|---|------|--|
| 1928 | Almy Gallatin Pell
In memory of her father and mother,
Frederic and Almy G. Gallatin | 1945 | Julia Noyes deForest
In memory of her sons, Henry W. deForest
and Charles Noyes deForest |
| 1928 | Mr. and Mrs. Edward Lathrop Ballard | 1947 | Mrs. Leland Eggleston Cofer
In loving memory of Lucy Chauncey |
| 1928 | Mrs. Henry James
In memory of her cousin, McEvers Bayard Brown | 1948 | Martha B. and William Fraser |
| 1929 | Arthur H. Herschel
In memory of his mother, Grace Darling Herschel | 1948 | Rosetta F. Sachs
In memory of Max Kaskel |
| 1929 | Peter F. Meyer and Lizzie O. Meyer | 1949 | William Kirk Memorial Bed |
| 1930 | Mary L. Walker Peters,
The Charles Grenville Peters Bed | 1949 | Macy Mutual Aid Association |
| 1933 | William James Boucher
In memory of his father and mother,
John and Lydia Lawrence Boucher | 1949 | Louise M. Griffin
In memory of her mother
Pauline Pryibil Hoffmann |
| 1934 | Jean Brown Jennings
In memory of her husband, Walter Jennings | 1950 | The Edward L. Cussler Memorial Bed |
| 1934 | Oliver Burr Jennings, Jeanette Jennings Taylor,
Constance Jennings Ely
In memory of their father, Walter Jennings | 1950 | G. Beekman Hoppin Memorial Bed |
| 1934 | Mary Isabella Meek | 1951 | The Dillon Fund |
| 1936 | Mrs. Thomas Williams, Thomas R. Williams,
Mrs. Dorcas W. Ferris, Mrs. Edith S. Blydenburg,
In memory of Thomas Williams | 1953 | Max Rice |
| 1939 | Katherine Grace Snyder | 1954 | John Jay, 1875-1928, Memorial Bed |
| 1939 | Arthur H. Herschel
In memory of his wife, Sarah Frances Herschel | 1955 | The Marc Eidlitz Bed |
| 1939 | Veronica Brown Brophy
In memory of her father, George B. Brown,
a builder of this Hospital | 1955 | Col. John C. C. Thornton Family |
| 1939 | Edith Haggin DeLong
In loving memory of her son,
James Ben Ali Haggin Lounsbery | 1956 | Mary E. Cuming, in loving memory
of father, mother, brothers and sisters |
| 1940 | Edith Lounsbery Worden
In loving memory of her mother,
Edith Haggin DeLong | 1956 | Dessie Greer |
| 1940 | John A. Stewart | 1956 | Eugenie M. L. Garchery |
| 1940 | Mary T. Sheldon | 1956 | The Pleasant Valley Mills Bed, II |
| 1941 | Patients and friends
In memory of William R. Williams, M.D.,
Attending Physician, 1912-1932 | 1957 | Mathilde S. Sterne
In memory of Simon Sterne |
| 1942 | Ballard Memorial Bed | 1957 | Marie Stewart
In memory of Virginia Stewart |
| 1943 | The Pleasant Valley Mills Bed | 1958 | Marjorie Hard |
| 1943 | Josiah Locke Webster | 1958 | In memory of Henry Nathan, 1852-1922
Dedicated by his son, Garfield Arthur Nathan |
| 1943 | Robert Winthrop | 1958 | In memory of Tillie Burgauer Nathan, 1862-1933
Dedicated by her son, Garfield Arthur Nathan |
| 1944 | Anonymous, The Cayuga Bed | 1958 | The Katherine Grace Snyder Bed |
| 1944 | Howard Gould and Margarete M. Gould | 1959 | In loving memory of Ivan Henning Wichfeld |
| 1945 | Augusta dePeyster
In memory of her sister, Frances dePeyster | 1961 | Alice McIntire Fay Memorial Bed |
| 1945 | Julia Noyes deForest
In memory of her husband, Henry W. deForest | 1963 | Mr. and Mrs. Edgar Seldon Bloom
In memory of Mrs. Bloom's parents,
James Boyle Wallace and
Fannie McKeon Wallace |
| | | 1963 | Cedric Aylwin Major |
| | | 1965 | Henry Lewis Phillips and
Gertrude Abbot Phillips Fund |
| | | 1966 | The Estate of Cornelius Von E. Mitchell
In loving memory of Henry Spingler
In loving memory of Mary S. Van Beuren
In loving memory of Mary E. D. Mitchell
In loving memory of John W. A. Davis |

Professional Staff

The following doctors served during all or part of the year 1966:

Consultants

Arthur F. Anderson, M.D. <i>Pediatrics</i>	Claude E. Forkner, M.D. <i>Medicine</i>	Joseph N. Nathanson, M.D. <i>Obs. & Gyn.</i>	Harold J. Stewart, M.D. <i>Medicine</i>
Horace S. Baldwin, M.D. <i>Medicine</i>	Connie M. Guion, M.D. <i>Medicine</i>	§Charles T. Olcott, M.D. <i>Pathology</i>	Philip M. Stimson, M.D. <i>Pediatrics</i>
Irvin Balensweig, M.D. <i>Orthopedics</i>	James A. Harrar, M.D. <i>Obs. & Gyn.</i>	Eugene L. Opie, M.D. <i>Pathology</i>	Edward Tolstoi, M.D. <i>Medicine</i>
David P. Barr, M.D. <i>Medicine</i>	Helen Harrington, M.D. <i>Pediatrics</i>	Charles H. O'Regan, M.D. <i>Pediatrics</i>	Lewis C. Wagner, M.D. <i>Orthopedics</i>
Anthony C. Cipollaro, M.D. <i>Medicine</i>	Frederick C. Hunt <i>Pediatrics</i>	Russel H. Patterson, M.D. <i>Surgery</i>	Charles A. Weymuller, M.D. <i>Pediatrics</i>
Edward H. Dennen, M.D. <i>Obs. & Gyn.</i>	Hedwig Koenig, M.D. <i>Pediatrics</i>	Paul Reznikoff, M.D. <i>Medicine</i>	Louis E. Weymuller, M.D. <i>Pediatrics</i>
Oskar Diethelm, M.D. <i>Psychiatry</i>	Samuel Z. Levine, M.D. <i>Pediatrics</i>	Wilson G. Smillie, M.D. <i>Public Health</i>	Marjorie A. Wheatley, M.D. <i>Pediatrics</i>
R. Gordon Douglas, M.D. <i>Obs. & Gyn.</i>	†George M. Lewis, M.D. <i>Medicine</i>	Carl H. Smith, M.D. <i>Pediatrics</i>	May G. Wilson, M.D. <i>Pediatrics</i>
Robert O. Du Bois, M.D. <i>Pediatrics</i>	William F. MacFee, M.D. <i>Surgery</i>	Frank R. Smith, M.D. <i>Obs. & Gyn.</i>	Philip D. Wilson, M.D. <i>Orthopedics</i>
*Joseph D. Eby, D.D.S. <i>Orthodontia</i>	Frank J. McGowan, M.D. <i>Surgery</i>	Alexander R. Stevens, M.D. <i>Urology</i>	Deceased: *4/20/66 †11/16/66 ‡2/27/66 §8/1/66
†Cary Eggleston, M.D. <i>Medicine</i>	Allister M. McLellan, M.D. <i>Urology</i>	Fred W. Stewart, M.D. <i>Pathology</i>	
Charles E. Farr, M.D. <i>Surgery</i>	Ade T. Milhorat, M.D. <i>Medicine</i>		

Anesthesiology

ANESTHESIOLOGIST-IN-CHIEF
Joseph F. Artusio, Jr., M.D.

ATTENDING ANESTHESIOLOGISTS
Benjamin E. Marbury, M.D.
Marjorie J. Topkins, M.D.

ASSOCIATE
ATTENDING ANESTHESIOLOGISTS
Charles L. Burstein, M.D.
Alan Van Poznak, M.D.

ASSISTANT
ATTENDING ANESTHESIOLOGISTS
Leslie L. Balazs, M.D.
Raymond G. Barile, M.D.
Dragan Borovac, M.D.
Herbert L. Erlanger, M.D.
John L. Fox, M.D.
Alexander Gotta, M.D.
Anita H. Goulet, M.D.
Ann Huston, M.D.
Barnett J. Junker, M.D.
Aileen F. Kass, M.D.
Louis J. Maggio, M.D.
George R. Monahan, M.D.

Patricia M. O'Neil, M.D.
Jerold Schwartz, M.D.
David G. Susman, M.D.
Liebert S. Turner, M.D.
Judith Weingram, M.D.
Peter Wei-Ting Yu, M.D.

Graduate Staff

ANESTHESIOLOGISTS
George W. Allgair, Jr., M.D.
Janet E. Allgair, M.D.
Alegria D. Bahia, M.D.

Gabriel G. Curtis, M.D.
Elizabeth A. M. Frost, M.D.
Nadine Susan Hradsky, M.D.
Manon G. Manahan, M.D.
Yung Jai Sohn, M.D.

ASSISTANT ANESTHESIOLOGISTS
Mary Chua, M.D.
Michel Costes, M.D.
Beinhard Zong-You Hou, M.D.
Parvin H. Javadi, M.D.
Mohammed Hosein Radmanesh,
M.D.
Sirivan Ratanarat, M.D.

Medicine

ACTING PHYSICIAN-IN-CHIEF

David D. Thompson, M.D.
until 9/1/66

PHYSICIAN-IN-CHIEF

Alexander G. Bearn, M.D.
from 9/1/66

ATTENDING PHYSICIANS

Thomas P. Almy, M.D.
Frank E. Cormia, M.D.
John E. Deitrick, M.D.
Murray Dworetzky, M.D.
Aaron Feder, M.D.
Richard H. Freyberg, M.D.
Elliot Hochstein, M.D.
Edward W. Hook, Jr., M.D.
B. H. Kean, M.D.
Allyn B. Ley, M.D.
E. Hugh Luckey, M.D.
Walsh McDermott, M.D.
Carl Muschenheim, M.D.
Theodore W. Oppel, M.D.
George G. Reader, M.D.
Marvin H. Slesinger, M.D.
David D. Thompson, M.D.
Douglas P. Torre, M.D.
Robert F. Watson, M.D.
Bruce P. Webster, M.D.
Irving S. Wright, M.D.

ASSOCIATE

ATTENDING PHYSICIANS

George C. Armistead, Jr., M.D.
Jeremiah A. Barondess, M.D.
David V. Becker, M.D.
E. Lovell Becker, M.D.
Henry A. Carr, M.D.
Aaron D. Chaves, M.D.
William N. Christenson, M.D.
Eugene J. Cohen, M.D.
Farrington Daniels, Jr., M.D.
John W. Dougherty, M.D.
Ralph L. Engle, M.D.
William T. Foley, M.D.
Constance Friess, M.D.
George W. Frimpter, M.D.
William Geller, M.D.
Sidney M. Greenberg, M.D.
Susan J. Hadley, M.D.
Lawrence E. Hinkle, Jr., M.D.
Melvin Horwith, M.D.
Graham H. Jeffries, M.D.
George L. Kauer, Jr., M.D.
Donald Kaye, M.D.
Edwin D. Kilbourne, M.D.
Thomas Killip, III, M.D.
Frederic T. Kirkham, Jr., M.D.
Henry B. Kirkland, M.D.
Charles S. Lieber, M.D.
Robert M. Lintz, M.D.
Mack Lipkin, M.D.
Daniel S. Lukas, M.D.
A. Parks McCombs, M.D.
Ellen McDevitt, M.D.

Robert H. Melchionna, M.D.
Mary Ann Payne, M.D.
Ralph E. Peterson, M.D.
R. A. Rees Pritchett, M.D.
William C. Robbins, M.D.
Thomas N. Roberts, M.D.
Bernard Rogoff, M.D.
David M. Roseman, M.D.
Sidney Rothbard, M.D.
Albert L. Rubin, M.D.
Paul D. Saville, M.B., B.S.
Lawrence Scherr, M.D.
Norton Spritz, M.D.
Israel Steinberg, M.D.
Peter E. Stokes, M.D.
Richard W. Stone, M.D.
William D. Stubenbord, M.D.
Alphonse E. Timpanelli, M.D.
Byard Williams, M.D.

ASSISTANT

ATTENDING PHYSICIANS

Kenneth C. Archibald, M.D.
Seymour Advocate, M.D.
Anthony A. Antoville, M.D.
Lucien I. Arditi, M.D.
Sam C. Atkinson, Jr., M.D.
*Olav Austlid, M.D.
Lloyd T. Barnes, M.D.
Bry Benjamin, M.D.
Carl A. Berntsen, M.D.
Norman Brachfeld, M.D.
John Lyman Brown, Jr., M.D.
J. Robert Buchanan, M.D.
Edward A. Burkhardt, M.D.
Donald J. Cameron, M.D.
Susan T. Carver, M.D.
Foen B. Chu, M.D.
Hugh E. Claremont, M.D.
George O. Clifford, M.D.
Denton S. Cox, M.D.
Marion Davis, M.D.
Paul F. de Gara, M.D.
Monroe T. Diamond, M.D.
Carolyn H. Diehl, M.D.
Robert E. Eckardt, M.D.
William J. Eisenmenger, M.D.
Borje E. V. Ejrup, M.D.
Henry R. Erle, M.D.
John T. Flynn, M.D.
Eugene D. Furth, M.D.
Horace T. Gardner, M.D.
Martin Gardy, M.D.
David L. Globus, M.D.
George W. Gorham, M.D.
Ernest J. Greenberg, M.D.
Sidney E. Grossberg, M.D.
Keith O. Guthrie, Jr., M.D.
Leonard L. Heimoff, M.D.
Richard A. Herrmann, M.D.
Lawrence B. Hobson, M.D.
Milton Hollenberg, M.D.
Eugene L. Horger, M.D.

*Deceased: 9/2/66

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PHYSICAL MEDICINE AND
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 until 6/30/66

ACTING DIRECTOR
 Willibald Nagler, M.D.
 from 7/1/66

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 Byron T. Liggett, M.D.
 Marcus E. Raichle, M.D.
 Alexander G. Reeves, M.D.
 Akemi Takekoshi, M.D.
 Lewis N. Travis, M.D.
 Bart L. Troy, M.D.
 William E. Wallis, M.D.

Neurology

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 Henry S. Dunning, M.D.

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 Fletcher H. McDowell, M.D.
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Fritz F. Fuchs, M.D.

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Carl T. Javert, M.D.
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Elmer E. W. Kramer, M.D.
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Charles M. McLane, M.D.
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Pathology

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NURSING SERVICE
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PSYCHIATRIC CLINIC
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Index to Professional Staff Members

Hyphenated numbers appearing after names show page number and column where each name appears in the Professional Staff Members List.

- | | | | | | | | |
|---------------------------|------------|---------------------------|------------|---------------------------|------|----------------------------|------|
| Abadee, Parichehr..... | 55-3 | Baker, Ralph D..... | 55-4 | Bezan, Allan I..... | 55-3 | Buydens, Laure-Berthe... | 56-3 |
| Ahel, Donald W..... | 57-3 | Baker, William G., Jr.... | 53-2 | Bienenstock, Harry..... | 52-4 | Cadden, James J..... | 56-3 |
| Abel, Henriette E..... | 52-3 | Balazs, Leslie..... | 51-2 | Bigelow, Llewellyn B.... | 56-3 | Callahan, Edward W., Jr. | 53-2 |
| Abel, Robert R..... | 52-3 | Baldwin, Horace S..... | 51-1 | Billo, Otto E..... | 55-1 | Callahan, Justin T..... | 54-1 |
| Abelson, Charles B..... | 58-4 | Balensweig, Howard D.... | 57-1 | Binford, Robert T., Jr.. | 53-2 | Cameron, Donald J..... | 52-2 |
| Abroms, Gene M..... | 56-3 | Balensweig, Irvin..... | 51-1 | Bippart, Charles H., Jr.. | 54-2 | Camp, Walter A..... | 53-2 |
| Acosta, Jerry L..... | 57-3 | Bandukwala, Nadira..... | 54-3 | Birnbaum, Gary..... | 53-4 | Campbell, Rolla D., Jr.. | 58-1 |
| Adelson, Edward T..... | 55-4 | Bang, Nils U..... | 52-3 | Birnbaum, Stanley J..... | 54-1 | Canale, Virginia C..... | 55-2 |
| Adler, Howard..... | 53-2 | Baras, Irving..... | 58-2 | Bittencourt, Helito M.... | 53-1 | Caplan, Robert B..... | 57-3 |
| Adler, Joel B..... | 58-3 | Barasch, Kenneth R..... | 58-2 | Blank, Alan Morton..... | 54-4 | Carey, Thomas I..... | 58-1 |
| Advocate, Seymour..... | 52-2 | Barber, Hugh R. K..... | 54-1 | Blitz, Marvin B..... | 55-4 | Carlen, Alexander..... | 56-1 |
| Alderman, Michael H.... | 53-2 | Barchilon, John..... | 57-4 | Bloom, Lawrence M..... | 56-2 | Carlson, Eric T..... | 55-1 |
| Alexander, James S..... | 55-2 | Barile, Raymond G..... | 51-2 | Bolt, William M..... | 53-4 | Carney, Stephen E..... | 58-4 |
| Allen, Fred H. Jr..... | 54-1 | Barnes, Lloyd T..... | 52-2 | Boris, Marvin..... | 55-1 | Carney, William H..... | 54-4 |
| Allen, Martin G..... | 56-2 | Barnes, William A..... | 57-1 | Borovac, Dragan..... | 51-2 | Caronna, John J..... | 53-2 |
| Allgair, George W., Jr.. | 51-3 | Baronberg, Neil Donald.. | 53-4 | Borrero, Jaime..... | 53-2 | Carpenter, Walter T.... | 55-1 |
| Allgair, Janet E..... | 51-3 | Barondess, Jeremiah A.. | 52-1 | Brachfeld, Norman..... | 52-2 | Carr, Henry A..... | 52-1 |
| Almy, Thomas P..... | 52-1 | Barr, David P..... | 51-1 | Bradess, Victoria A..... | 56-3 | Carre, Aurelien..... | 59-3 |
| Alonso, Daniel R..... | 54-3 | Barreto, Armando..... | 59-4 | Bragg, David Gordon..... | 57-2 | Carroll, William T..... | 56-4 |
| Altman, Ina..... | 57-1 | Barten, Harvey H..... | 55-4 | Branchey, Marc H..... | 56-2 | Carruthers, Richard R.. | 53-4 |
| Altman, Norman W..... | 56-1 | Bashkin, Edmund A..... | 55-4 | Brander, Jerome H..... | 54-2 | Carson, Robert S..... | 55-4 |
| Amstutz, Harlan C..... | 58-3 | Basile, Naef K..... | 54-2 | Branwood, A. Whitley... | 54-1 | Carver, Susan T..... | 52-2 |
| Anderson, Arthur A., Jr. | 55-2 | Bass, Richard R..... | 54-4 | Braunstein, Paul W..... | 57-1 | Casat, Charles D..... | 56-3 |
| Anderson, Arthur F..... | 51-1 | Bauer, Charles H..... | 54-2 | Brennan, Robert W..... | 53-4 | Caterinichio, Benedict S. | 55-1 |
| Anderson, Gerald A..... | 56-3 | Bauer, Göran C. H..... | 58-1 | Brethwaite, Samuel H.... | 52-3 | Catino, Donald..... | 54-3 |
| Anderson, Gerald G..... | 54-3 | Baumgartner, Leona..... | 54-2 | Brice, Mitchell..... | 59-2 | Cavallino, Robert P.... | 57-3 |
| Anderson, Richard D.... | 57-4 | Baxter, James E..... | 55-2 | Brill, Paula W..... | 55-3 | Celian, Charles L..... | 55-4 |
| Anderson, William A..... | 52-3 | Bearn, Alexander G..... | 52-1 | Brilliant, Renee M..... | 55-2 | Cerulli, Remo R..... | 55-4 |
| Antoville, Anthony A.... | 52-2 | Beck, Arthur D..... | 59-4 | Brockunier, Alfred, Jr.. | 54-2 | Champion, Phillips K., Jr. | 53-2 |
| Arango, Gonzalo..... | 53-2 | Becker, Carl G..... | 54-2 | Brodman, Keeve..... | 52-4 | Champion, William M.... | 59-4 |
| Arce, A. Anthony..... | 56-2 | Becker, David V..... | 52-1, 57-1 | Brown, Alfred A..... | 58-3 | Chandor, Stebbins B.... | 54-2 |
| Archibald, Kenneth C.... | 52-2, 53-2 | Becker, E. Lovell..... | 52-1 | Brown, Harrison O., Jr.. | 52-4 | Charash, Leon I..... | 55-1 |
| Arcuri, Joseph..... | 56-2 | Becker, Heber W., Jr.... | 56-2 | Brown, James W..... | 56-2 | Chaves, Aaron D..... | 52-1 |
| Arditi, Lucien I..... | 52-2 | Behrman, Lawrence A.... | 58-2 | Brown, John Lyman, Jr.. | 52-2 | Cho, Doo-Young..... | 56-2 |
| Armistead, George C., Jr. | 52-1 | Behrman, Stanley J..... | 58-1 | Brown, Stuart I..... | 58-2 | Cho, Eun-Sook..... | 54-3 |
| Arnold, William D..... | 58-2 | Beiser, Morton..... | 56-2 | Brown, Veronica C..... | 52-4 | Christenson, William N. | 52-1 |
| Aronson, Jason..... | 55-2 | Beling, Carl G..... | 54-3 | Browne, Michael A..... | 58-3 | Chu, Florence Chien-Hwa | 57-2 |
| Artusio, Joseph F., Jr.. | 51-1 | Bell, Bertrand M..... | 52-3 | Browne-Mayers, Albert N. | 55-4 | Chu, Foen B..... | 52-2 |
| Asaph, James W..... | 57-3 | Bell, Frank Cooper..... | 53-4 | Brush, A. Louise..... | 55-2 | Chu, Fuli..... | 53-3 |
| Asch, Thane..... | 57-1 | Beneventi, Francis A.... | 59-2 | Bryan, James W..... | 57-4 | Chua, Mary..... | 51-4 |
| Ashe, Barbara S..... | 54-4 | Benjamin, Bry..... | 52-2 | Buchanan, J. Robert..... | 52-2 | Church, Edwin H..... | 55-4 |
| Atkinson, Sam C., Jr.. | 52-2 | Benson, Gordon D..... | 52-4 | Buchanan, Mary C..... | 55-1 | Chynn, Kuo-York..... | 57-2 |
| Auld, Peter A. McF..... | 54-2 | Benton, Louis Joseph.... | 57-4 | Buchman, Myron I..... | 54-1 | Cipollaro, Anthony C.... | 51-1 |
| Austlid, Olav..... | 52-2 | Berenberg, Samuel R.... | 55-1 | Buckley, Jerald D..... | 54-4 | Cipollaro, Vincent A.... | 52-4 |
| Avnet, Samuel..... | 58-3 | Beresford, H. Richard... | 53-4 | Burbank, Bernard H..... | 52-4 | Claremont, Hugh E..... | 52-2 |
| Axel, Peter J..... | 55-3 | Berg, Judith L..... | 52-4 | Burgert, Woodward, Jr.. | 54-3 | Clark, Melva A..... | 52-4 |
| Baer, Ralph A..... | 52-3 | Bergland, Richard M.... | 58-2 | Burkhardt, Edward A.... | 52-2 | Clarke, Robert L..... | 57-1 |
| Bahia, Alegria D..... | 51-3 | Berntsen, Carl A..... | 52-2 | Burnett, Harry W., Jr.. | 57-1 | Clements, Margaret H. S. | 54-2 |
| | | Bethea, James S., III.... | 57-3 | Burstein, Charles L..... | 51-1 | Clifford, George O..... | 52-2 |
| | | Betz, Barbara J..... | 56-1 | Butkiewicz, Alexander S. | 57-3 | Clifton, Eugene E..... | 57-1 |

INDEX TO PROFESSIONAL STAFF MEMBERS

Climo, Merrill S.	59-4	Diethelm, Oskar	51-1	Fadden, Francis J., Jr.	58-3	Genvert, Harold	57-2
Clow, Hollis E.	56-1	DiGangi, Mary V.	56-3	Faga, Aldo R.	52-4	Georgsson, Sverrir Olafur	59-4
Coats, E. Craig	59-2	Di Leo, Joseph H.	55-1	Fahey, Thomas J., Jr.	52-4	German, James L., III	54-3
Cobb, John R.	58-1	Dillon, Thomas F.	54-1	Fales, Catherine H.	55-2	Gersh, Marvin J.	55-1
Cobbs, C. Glenn	53-2	Dimattia, William J.	59-4	Farina, James R.	54-4	Gershenson, Wilbur	53-1
Coburn, Richard J.	57-3	Dineen, Peter	57-1	Farnsworth, Peter B.	55-2	Gershon, Anne	55-3
Cohen, Eugene J.	52-1	DiPirro, Earl J. M.	59-4	Farr, Charles E.	51-1	Gilbert, Joel H.	57-4
Cohen, Ira B.	52-4	Dobrowolski, Peter E.	57-4	Farr, Hollon W.	57-2	Gilder, Helena	57-4
Cole, John T.	54-1	Doherty, John H.	58-2	Farrell, Frank W.	59-3	Gill, Fred A.	53-3
Cole, Robert M.	58-2	Dougherty, John W.	52-1	Farrell, Robert M.	57-4	Ginsberg, Theodore M.	55-4
Coleman, John W.	57-3	Dougherty, Joseph C.	52-4	Fauci, Anthony S.	53-4	Giombetti, Robert T.	55-4
Colker, Joel L.	53-2	Douglas, R. Gordon	51-1	Fear, Robert	54-4	Gittler, Robert D.	52-4
Colston, William C.	57-4	Downs, Lawrence A.	56-3	Feder, Aaron	52-1	Given, William P.	54-1
Colwell, Clifford W.	58-4	Doyle, Thomas L., Jr.	55-4	Feffer, Paul Arthur	53-2	Glasberg, H. Mark	56-4
Connolly, C. Stephen	52-4	Dozier, David F.	53-3	Feinman, Lawrence	53-2	Glassman, Oscar	54-1
Constantine, Elizabeth F.	58-2	Draper, John W.	59-1	Felton, Rosemary B.	56-2	Glenn, Frank	57-1
Conway, Herbert	59-1	Drew, J. Edwin	59-2	Ferguson, G. Renee	56-1	Glenn, John S.	58-4
Coombs, Francis P.	52-4	Du Bois, Robert O.	51-1	Fessenden, Willard B., Jr.	53-2	Globus, David L.	52-2
Cooper, Howard N.	55-1	Duckworth, Roy D.	56-4	Figueiredo, Jose F. M.	53-2	Gluck, David	52-4
Cooper, William	58-1	Duggan, Francis J., Jr.	57-4	Fillmore, Sidney J.	53-3	Glucksman, Myron L.	56-2
Cooper, William A.	57-1	Duley, Wade	57-1	Fink, Harold D.	56-4	Glynn, Martin J.	54-3
Cormia, Frank E.	52-1	Dunbar, Charles R.	58-3	Finkle, Theodore H.	56-1	Gold, Harry	52-4
Cornell, George N.	57-1	Dunbar, Howard S.	58-2	Finn, Frederick W.	56-3	Goldberg, Doris K.	55-1
Cornwall, Claude C.	54-3	Dunkell, Samuel V.	56-1	Finn, William F.	54-1	Goldberg, Henry P.	54-3
Cortese, Armand F.	57-2	Dunlap, Edward A.	58-1	Fish, Irving	53-4	Goldin, Howard	52-4
Costes, Michel	51-4	Dunn, Allan R.	58-4	Fisher, Robert L.	58-4	Goldman, Maurice E.	52-4
Cox, Denton S.	52-2	Dunn, Michael W.	58-4	Fitzgerald, Robert J.	54-4	Goldsmith, Edward I.	57-1
Craig, George T.	57-3	Dunning, Henry S.	53-1, 56-3	Flach, Frederic F.	55-1	Goldstein, George S.	55-2
Cramer, Jean A.	52-4	D'Urso, John A.	54-2	Fleetwood, Marie Freile	56-1	Goldstein, William B.	57-2
Crawford, David B., Jr.	54-1	du Vigneaud, Vincent, Jr.	54-2	Fleming, Richard J.	57-1	Golosow, Nikolas	56-4
Crill, Wayne E.	53-3	Dworetzky, Murray	52-1	Flynn, John T.	52-2	Goodell, Brian W.	53-4
Crissey, Eleanor	55-2	Dye, Robert E.	52-4	Flynn, Maura Lynch	56-2	Goodyear, Stephen	55-2
Culbert, Charles M.	54-4	Dymling, John F.	53-2	Flynn, William F.	59-4	Gordon, Dan M.	58-1
Cummins, F. Mitchell	57-2			Focht, Elizabeth F.	57-3	Gordon, David F.	53-3
Cupaiuoli, Richard A. P.	52-4	Earnest, Michael P.	53-4	Foley, William T.	52-1	Gordon, Sherman E.	56-4
Curi, Joseph F. J.	55-3	Easton, J. Donald	53-4	Foote, Frank W., Jr.	54-1	Gorham, George W.	52-2
Curran, Robert Emmet	53-4	Eaton, Richard G.	58-3	Foraste, Roland J.	56-4	Gorske, Kenneth J.	57-4
Curtis, Gabriel G.	51-4	Eby, Joseph D.	51-1	Forde, Thomas P.	53-3	Gotta, Alexander	51-2
		Eckardt, Robert E.	52-2	Forkner, Claude E.	51-2	Gottlieb, Robert J.	53-3
da Cruz, Thomas	53-4	Eckel, John H.	57-1	Forkner, Claude E., Jr.	52-4	Gould, Richard B.	56-2
Dahl, Andrew	53-4	Eddy, Harrison P.	55-2	Forrest, Arnold W.	56-4	Goulet, Anita H.	51-2
Dangelmajer, Rudolph C.	58-3	Edelman, Martin J.	57-2	Fountain, Gerald	56-1	Goulian, Dicran, Jr.	59-2
Daniells, Helen E.	55-1	Edelson, Stuart R.	56-2	Fox, John L.	51-2	Graf, William R., Jr.	57-2
Daniels, Farrington, Jr.	52-1	Egan, George F.	58-1	Francis, Yvette F.	55-2	Grant, John A., Jr.	53-4
Dann, Margaret	54-1	Eggleston, Cary	51-1	Franklin, John E.	51-2	Greeley, Arthur V.	54-1
Darrigan, Thomas M.	58-4	Ehlers, Kathryn H.	55-1	Fratantoni, Joseph C.	53-3	Greenberg, Abby J.	55-2
Davidson, Richard A.	58-3	Ehrensing, Rudolph H.	56-4	Freedman, Walter L.	51-2	Greenberg, Ernest J.	52-2
Davis, E. William, Jr.	54-1	Ehrlich, Alvin N.	53-2	Freiberger, Robert H.	57-2	Greenberg, Sidney M.	52-1
Davis, Jeff	52-4	Eichenholtz, Sidney N.	58-2	Freyberg, Richard H.	52-1	Griswold, Merton L., Jr.	57-2
Davis, Marion	52-2	Eilers, Elizabeth A.	52-4	Friedman, Lionel O.	55-2	Grode, Marshall L.	57-3
Davis, R. Carter, Jr.	53-2	Eisenberg, Howard M.	57-3	Friess, Constance	52-1	Gross, Clara R.	52-4
Davis, Robert V., Jr.	58-4	Eisenmenger, William J.	52-2	Frimpter, George W.	52-1	Grossberg, Josette B.	55-4
Deal, C. Pinckney, Jr.	52-4	Eisner, Eric V.	52-4	Frost, Elizabeth A. M.	51-4	Grossberg, Sidney E.	52-2
de Alvarado, Lois B.	55-4	Ejrup, Borje E. V.	52-2	Fuchs, Fritz F.	54-1	Grossi, Margaret T.	55-1
Deans, Robert D.	59-2	Emery, John R.	56-4	Fulmer, David H.	53-3	Grossman, Herman	55-1, 57-2
de Camacho, Ruth W.	55-2	Engle, Mary Allen	54-1	Furth, Eugene D.	52-2, 57-2	Grufferman, Seymour	55-4
Deep, Anthony A.	54-2	Engle, Ralph L.	52-1			Guida, Peter M.	57-2
deFuria, Frank G.	53-2	Epstein, Nathan	55-1	Gabel, Milton	58-2	Guion, Connie M.	51-2
de Gara, Paul F.	52-2, 54-2	Epstein, Simon J.	56-1	Galin, Miles A.	58-1	Guthrie, Keith O., Jr.	52-2
Deitrick, John E.	52-1	Erdman, Frederick S., Jr.	57-3	Galvin, Gerald M.	58-3	Guthrie, Thomas C.	53-2
Deitrick, John E., Jr.	57-4	Erickson, Robert P.	55-4	Gandy, Hortense M.	54-2	Gwynn, Robert E.	53-3
Delaney, John R.	56-2	Erlandson, Marion E.	54-2	Gardner, David J.	56-3		
De Mayo, Alan P.	55-1	Erlanger, Herbert L.	51-2	Gardner, Horace T.	52-2	Habte, Demissie	55-4
Demura, Hiroshi	53-1	Erle, Henry R.	52-2	Gardy, Martin	52-2	Hadfield, M. Gary	54-4
Demura, Reiko	53-2	Ern, Richard A.	56-2	Gareen, Diane B.	55-1	Hadley, Susan J.	52-1
de Nesnera, Peter	52-4	Eskes, Philip W. H.	55-2	Gaston, Erskin A., II	59-4	Hagstrom, Jack W. C.	54-2
Dennen, Edward H.	51-1	Eskesen, Ralph A.	52-4	Gause, Ralph W.	54-1	Halsey, Hugh, II	54-2
DePalma, Dominic M.	52-4	Ettinger, Edwin	53-2	Gee, Russel O.	58-3	Halvorson, Edith P.	55-3
Desser, Edgar J.	52-4	Evans, John A.	57-1	Geiger, J. Theodore	58-2	Hamer, Harold Alec	56-4
Diamond, Monroe T.	52-2	Eyrol, Azak S.	54-3	Geller, William	52-1	Hamilton, Donald M.	56-1
Diehl, Carolyn H.	52-2	Eyster, M. Elaine	52-4	Gemba, Teruo John	53-3	Hamilton, Francis J.	56-1
Dieterle, Carl H.	58-4			Gendel, Edward	52-4	Hanley, Marshall J.	52-4

INDEX TO PROFESSIONAL STAFF MEMBERS

Haralambie, James Q.	54-3	Jackson, Daniel L.	55-4	Knight, Mary M.	56-2	Lewy, John E.	55-3
Haraway, Andrew W.	52-4	Jacobs, Bernard.	58-2	Knight, Robert G.	56-1	Ley, Allyn B.	52-1
Hare, Clarence C.	56-3	Jacobson, Abraham S.	52-4	Kobayashi, Ronald M.	53-3	Lhamon, William T.	55-1
Harpel, Peter C.	52-4	Jacobson, Jerry H.	58-2	Koenig, Hedwig.	51-2	Liang, Edward Y.	55-3
Harper, Thomas S.	56-1	Jacobson, Lennart.	54-3	Koenigsberg, Daniel M.	55-4	Lieber, Charles S.	52-1
Harrar, James A.	51-2	Janulis, Peter T.	55-2	Kohl, Richard N.	55-1	Lieberman, Jerrold S.	52-3
Harrington, Helen.	51-2	Jaslowitz, Bernard W.	52-4	Kolin, Irving S.	56-4	Lieberman, Mark A.	58-4
Harrington, Timothy R.	57-3	Jaspin, George.	57-1	Kolodny, Marvin.	53-3	Liebolt, Frederick L.	58-1
Harris, Laurence S.	58-4	Javadi, Parvin H.	51-4	Koontz, Warren W., Jr.	59-3	Liggett, Byron T.	53-4
Hasbrouck, Walter H.	52-4	Javert, Carl T.	54-1	Kornitzer, George D.	57-4	Lim, Wan Ngo.	54-3
Hathaway, Peter.	55-3	Jeffries, Graham H.	52-1	Koteen, Herbert.	52-3	Lin, Cheng-Tse.	54-4
Hattan, Richard F.	56-2	Jernigan, Thomas P.	52-4	Koteen, Seymour M.	58-2	Lincoff, Harvey A.	58-2
Hatterer, Lawrence J.	55-2	Johnson, Donald G.	54-1	Kotzen, Leroy M.	57-3	Lindner, Marianne.	52-4
Hauptman, Martin A.	55-3	Johnson, James P.	54-2	Kramer, Elmer E. W.	54-1	Lintz, Robert M.	52-1
Hawks, Graham G.	54-2	Johnson, O. Adrian.	57-2	Krampf, Walter J.	53-4	Lipkin, Mack.	52-1
Hayes, Janet K.	52-4	Johnson, Robert M.	53-3	Krauss, Alfred N.	55-4	Lipkin, Martin.	52-3
Hayes, Joseph G.	53-3	Johnson, Virginia.		Krayanek, David.	55-2	Lissauer, Charlotte.	55-2
Hays, Myron A.	54-4	Burnham.	54-4	Kreek, Mary Jeanne.	52-4	Litt, Iris F.	55-4
Heckman, Bernard A.	53-3	Johnson, Warren D., Jr.	53-3	Kremer, Carl P., Jr.	55-2	Littell, Andrew H.	54-2
Hedgpeth, Edward M., Jr.	58-4	Johnson, William D.	54-2	Kreuz, Leo E.	56-4	Livingston, Robert M.	54-2
Heimoff, Leonard L.	52-2	Jones, John T.	53-3	Krikorian, John H.	55-4	Lloyd, William B., III.	52-4
Helfer, Lawrence S.	52-4	Jones, Thomas C.	53-2	Kroll, Jerome L.	56-2	Loeb, Laurence.	56-1
Henjyoji, Edward Y.	57-3	Joyner, Edmund N., III.	54-3	Krone, Charles L.	53-3	Loehr, Walter J.	57-3
Henley, Thomas F.	56-1	Junker, Barnett J.	51-2	Kugler, Margaret M.	55-1	Loigman, Barry I.	57-4
Henry, John R. K.	55-2			Kunz, Harold G., Jr.	57-3	Long, Ruth S.	58-3
Herbert, Philip S., Jr.	56-1	Kaminsky, Neil.	53-3	Kutt, Henn.	53-2	Loring, Marvin F.	57-2
Herrmann, Richard A.	52-2	Kammerer, William H.	52-3			Louis, Sydney.	53-3
Hersh, Alexander.	58-2	Kane, Francis D.	55-2	Lacy, George M.	59-3	Louria, Donald B.	52-3
Hertz, Daniel N.	56-1	Kanell, Daniel R.	54-4	LaDue, John S.	52-3	LoVerme, John.	52-4
Hilaris, Basil Stavros.	57-2	Kara, Anna.	52-4	Lagao, Ursula B.	54-4	Lowe, Luther B., Jr.	55-2, 52-4
Hilgartner, Margaret W.	55-1	Karanas, Arthur.	52-4	Laino, Peter L.	58-4	Lubash, Glenn D.	52-3
Hinkle, Lawrence E., Jr.	52-1	Karl, Richard C.	57-1	Lamberto, Victor S.	55-4	Luckey, E. Hugh.	52-1
Hirsh, Anthony T.	55-4	Karmason, Marilyn G.	56-1	Lambrew, Costas T.	52-3	Luger, Norton M.	52-3
Hirschy, James C.	57-4	Karnofsky, David A.	52-4	Lampe, Ernest W.	57-1	Lukas, Daniel S.	52-1
Hnat, Richard F.	54-3	Karoll, Richard P.	54-4	Landesman, Robert.	54-1	Lulow, William V.	55-3
Ho, Edgar C. K.	55-3	Kass, Aileen Fennell.	51-2	Landolt, Allison B.	55-3	Lum, Lincoln.	57-2
Hobson, Lawrence B.	52-2	Katz, J. Harry.	52-3	Langstadt, John R.	54-2	Lund, Melvin G.	57-2
Hochman, Raymond B.	52-4	Kauer, George L., Jr.	52-1	Langstadt, John R.	54-2	Luparello, Thomas J.	55-3
Hochstein, Elliot.	52-1	Kauer, Joseph T.	57-2	Lanzkowsky, Philip.	55-3	Lustgarten, Gary J.	57-4
Hoff, Julian T.	58-4	Kaufman, Harold.	56-4	Laufer, Ludwig G.	55-3	Lyon, Mary Lou.	53-2
Hofmann, Alan F.	52-4	Kaye, Donald.	52-1	Lavengood, Russell W., Jr.	59-2		
Hogben, George L.	56-4	Kaye, Jeremy J.	57-4	LaVenuta, Ferdinand.	59-4		
Hollenberg, Milton.	52-2	Kaye, Robert E.	54-4	Lawrence, Jerome.	58-2	Macfarlane, J. Ralph.	57-3
Holleran, Brent J.	57-2	Kazan, Avraam T.	56-1	Lawrence, Walter, Jr.	57-2	MacFee, William F.	51-2
Holman, Cranston W.	57-1	Kean, B. H.	52-1	Leach, Charles N., Jr.	53-3	MacMurray, Robert J.	56-4
Holman, James M.	59-1	Keating, George A.	56-3	Leddy, Joseph P.	57-3	Maeris, Nicholas T.	52-4
Holswade, George R.	57-1	Keefer, Edward B. C.	57-2	Leder, Harold L.	52-3	Maerov, Arnold S.	56-2
Holtz, Helene.	52-4	Keeley, Kim A.	56-4	Ledwith, James W.	52-4	Maggio, Louis J.	51-2
Hook, Edward W., Jr.	52-1	Keller, Karl E.	53-3	Lee, James R.	57-3	Magida, Melville G.	55-2
Hook, Richard M.	57-3	Kellner, Aaron.	54-1	Lee, John E.	53-2	Magidson, James S.	54-2, 57-2
Hopfan, Seymour.	57-2	Kelly, James T.	58-2	Lee, Joseph Chuen Kwun.	54-4	Maguire, Herbert T.	55-3
Horger, Eugene L.	52-2	Kelly, LeMoine C.	52-3	Lee, Richard E.	52-3	Mamelok, Alfred E.	58-3
Horowitz, Herhert I.	52-3	Keltner, John L.	53-3	Lee, Robert E.	56-3	Manahan, Manon G.	51-4
Horwich, I. David.	58-3	Kerr, M. Dorothea.	56-1	Lee, Sin Heng.	54-3	Mandell, Gerald L.	53-3
Horwith, Melvin.	52-1	Kessler, Richard H.	52-3	Leeper, Robert D.	52-3	Mann, Edward C.	54-1
Hoskins, Donald W.	52-3	Kuhneltian, John G.	59-2	Lehman, Jay S.	53-4	Mannix, Henry, Jr.	57-1
Hotchkiss, Robert S.	59-1	Khakoo, Yusuf.	55-3	Lese, Leo R.	52-4	Marbury, Benjamin E.	51-1
Hou, Beinhart Zong-You.	51-4	Kilbourne, Edwin D.	52-1	Lesneski, Albert C.	54-4	Marchand, John F.	52-4
Howe, Suzanne A. L.	59-2	Killip, Thomas, III.	52-1	Levin, Aaron.	55-3	Marchena, Carlos.	53-3
Hradsky, Nadine Susan.	51-4	Killoran, Paul J.	57-2	Levine, David B.	58-3	Marchisello, Peter J.	58-2
Hudson, Leonard D.	53-3	Kimball, John T., Jr.	52-4	Levine, Lenore S.	55-2	Marciano, Mark R.	52-3
Hughes, John E.	55-2	Kirkham, Frederic T., Jr.	52-1	Levine, Milton I.	54-1	Marcus, Cyril C.	54-2
Hugo, Norman Eliot.	59-2	Kirkland, Henry B.	52-1	Levine, Richard L.	57-4	Marcus, Stewart L.	54-2
Humphreys, Gustavus A.	59-2	Klein, Ludwig.	52-4	Levine, Samuel Z.	51-2	Marder, Michael Z.	58-3
Hunt, Frederick C.	51-2	Klein, Neil C.	53-3	Levitt, Barrie.	52-4	Markham, Mary II.	59-2
Huntington, Charles G.	56-4	Klein, Stuart W.	53-3	Levy, Bruce C.	52-4	Markham, Sanford M.	54-4
Hurtig, Howard I.	53-4	Kleiner, Richard.	55-3	LeWinn, Laurence R.	57-4	Marquis, James R.	57-2
Huston, Ann.	51-2	Kline, Edward M.	52-3	Lewis, Alfred B., Jr.	55-3	Marsden, Philip D.	52-3
		Klingon, Gerald H.	53-1	Lewis, Charles M.	52-4	Marshall, Florence N.	54-3
Inglis, Allan E.	58-2	Klopper, Arnoldus I.	54-3	Lewis, Frank L.	56-4	Marshall, Victor F.	59-1
Insall, John N.	58-3	Knapp, Robert C.	54-2	Lewis, George M.	51-2	Martens, Frederick W.	54-2
Isaacs, Norman J.	52-4			Lewis, George W.	53-3	Martinez, Irving R., Jr.	53-3
				Lewisohn, Marjorie G.	52-3	Marx, Leo J.	57-4

INDEX TO PROFESSIONAL STAFF MEMBERS

- Mascia, Armond V. 55-1
Mason, Joseph B. 58-3
Masterson, James F., Jr. 55-1
Mastrovito, Rene C. 56-1
Match, Ronald M. 58-3
Matteucci, Raymond C. 57-3
Mattucci, Kenneth F. 57-3
Mautalen, Carlos. 53-3
Mayer, Klaus. 52-4
Mayer, Victor. 58-2
McCarroll, James R. 52-3
McCarthy, Thomas C. 57-3
McCleary, Paul H. 54-4
McCombs, A. Parks. 52-1
McCormack, Richard R. 52-3
McCorry, Wallace W. 54-1
McCune, Robert M. 52-3
McDermott, Walsh. 52-1
McDevitt, Ellen. 52-1
McDowell, Fletcher H. 53-1
McGovern, J. Bruce. 57-3
McGovern, John H. 59-1
McGovern, Robert G. 54-3
McGowan, Frank J. 51-2
McGowan, Lillian E. 56-1
McGrath, John F. 56-1
McGrath, N. Eileen. 52-4
McGuire, Thomas F. 57-4
McHugh, Paul R. 53-2
McIlveen, Marion. 55-1
McIvor, John W. 59-4
McKaba, Donald G. 53-3
McKinley, Robert A. 56-1
McKinney, Peter. 59-3, 59-4
McKnight, William K. 56-1
McLane, Charles M. 54-1, 57-2
McLaughlin, Robert R. M. 56-3
McLean, Alan A. 56-1
McLean, John M. 58-1
McLellan, Allister M. 51-2, 56-4
McLellan, Frederick C. 56-4, 59-2
McLemore, George A., Jr. 52-3
McQuarrie, Irvine G. 57-3
McShane, Richard H. 57-3
McSherry, Charles K. 57-2
McSweeney, James J., Jr. 57-4
Mead, Allen W. 52-3
Mead, Philip B. 54-4
Melchionna, Robert H. 52-2
Mellors, Robert C. 54-1
Melnick, Robert N. 54-2
Merkatz, Irwin R. 54-2
Merten, Charles W. 57-2
Meyer, James H. 53-3
Michael, Stanley T. 55-3
Middleton, Richard G. 59-3
Milhorat, Ade T. 51-2
Milhorat, Thomas H. 58-4
Minhinnick, Brenda E. 53-3
Minick, C. Richard. 54-2
Miscall, Brian G. 57-3
Mitty, Virginia C. 55-1
Modell, Walter. 52-3
Molander, David W. 52-4
Monahan, George R. 51-2
Monchik, Gerald J. 57-4
Mongeau, Jean-Guy. 55-3
Monteith, James C. 56-4
Montimurro, Joseph A. 56-3
Moore, Holland V. 57-3
Moore, James A. 59-1
Moore, Samuel W. 57-1
Moorhead, Harry H. 56-1
Morgenthau, Joan E. 55-1
Moriber, Lloyd A. 58-4
Moritz, Timothy B. 56-3
Morrison, Charles W. 59-4
Morrison, Myles C., Jr. 54-2
Morrissey, Kevin P. 57-3
Mott, Walter W. 56-4
Mountcastle, Walter E. 53-3
Mouradian, Janet A. 54-4
Muecke, Edward Carl. 59-3
Mueller, George C. 59-1
Mujahed, Zuheir. 57-2
Muller, Walter J., III. 56-2
Murphy, George E. 54-1
Murphy, John J. 57-4
Murphy, Joseph M. 57-4
Murphy, Richard E. 54-4
Murphy, Willis A. 52-3
Muschenheim, Carl. 52-1
Mushlin, Alvin I. 53-4
Myers, W. P. Laird. 52-3
Myers, Wayne A. 56-1
Myerson, Paul J. 57-4
Nachman, Ralph L. 52-3
Nachtigall, Henry B. 52-4
Nagel, Doris B. 56-4
Nagler, Willibald. 52-4, 53-2
Nathanson, Bernard N. 54-2
Nathanson, Joseph N. 51-3
Neumann, Karl. 55-2
New, Bertrand L. 55-1, 3
New, Maria I. 55-1
Nicholas, James A. 58-2
Nickel, William F., Jr. 57-1
Niles, Richard A. 54-4
Notterman, Rebecca F. 55-2
Nydict, Irwin. 52-3
Nydict, Martin. 53-1
Ogilvie, John B. 57-2
O'Grady, William P. 57-3
Okinaka, Arthur J. 57-2
Olcott, Charles T. 51-3
Oliver, Caldwell H., Jr. 57-3
Olivier, Normand E. 53-1
Omura, Martha E. 53-3
O'Neil, Jane F. 56-1
O'Neil, Patricia M. 51-3
O'Neill, Earl A. 57-2
Opie, Eugene L. 51-3
Oppel, Theodore W. 52-1
O'Regan, Charles H. 51-3
Orr, Walter J. 56-2
Ostrolenk, David G. 57-2
Pachter, Maurice. 56-1
Pagliaro, Salvatore J. 56-2
Panter, Gideon G. 54-3
Park, Benjamin S., Jr. 57-3
Parke, William M., Jr. 56-3
Parker, Francis P. 53-4
Parsons, Herbert. 58-2
Parsons, John M. 57-3
Parthemore, Jacqueline G. 53-4
Pascual-Poblete, Evangelina C. 55-4
Passarge, Eberhard. 55-3
Passarge, Mary Fetter. 55-3
Patten, Bernard M. 53-4
Patterson, Robert L., Jr. 58-1
Patterson, Russel H. 51-3
Patterson, Russel H., Jr. 58-2
Patton, Michael J. 56-4
Payne, Mary Ann. 52-2
Pazianos, Artemis G. 52-3
Peightal, Thomas C. 56-3
Penick, Sydnor B., III. 53-1
Peretz, Walter L. 58-3
Perkins, Richard. 53-1
Perreault, Jean Paul. 59-4
Perrone, Francis S. 52-3
Perry, Herbert S. 57-3
Peter, William J. 55-2
Peters, Ruth D. 55-2
Peterson, Hart de Coudres. 53-2, 55-1
Peterson, Ralph E. 52-2
Pétursson, Esra. 56-1
Pezzulich, Robert A. 57-3
Phillips, Ralph Francis. 57-1
Phillips, Raymond E. 53-1
Philson, Arthur D. 53-1
Piccaro, Ernest R. 58-2
Pichler, Andrew G. 57-4
Pierce, Virginia K. 54-3
Pino, Robert S. 55-4
Pitkin, Olive E. 55-2
Pitman, John M., Jr. 57-3
Platt, Melville A. 54-2
Plum, Fred. 53-1
Poblete, Jesus F. 53-3
Poblete, Vincent F. 54-3
Poker, Nathan. 57-1
Pomeranz, Virginia E. 55-2
Posner, Jerome B. 53-2
Potor, Aurelia. 53-1
Poundstone, Robert B. 56-1
Powell, James B. 54-4
Preisler, Harvey D. 53-4
Prince, Alfred M. 54-1
Prince, Ivin B. 58-3
Pritchett, R. A. Rees. 52-2
Prokop, James D. 58-3
Protass, Jay Jacob. 57-4
Prunier, John H. 53-1
Putnam, John J. 58-2
Queenan, John T. 54-3
Quen, Jacques M. 55-3
Quetel, Thomas. 54-4
Raaschou-Nielsen, Tove. 54-3
Radmanesh, Mohammad Hosein. 51-4
Raff, Martin J. 53-3
Raichle, Marcus E. 53-4
Raksin, Irving J. 58-4
Raleigh, James W. 52-3
Rana, Bhupinder Singh. 59-4
Ranzenhofer, Edwin R. 56-1
Rao, B. Sheila. 53-2
Rappaport, Irwin. 55-2
Ratanarat, Sirivan. 51-4
Ray, Bronson S. 56-4, 58-1
Raymond, Edward A. 56-4
Raziano, Joseph V. 54-4
Reader, George G. 52-1
Redler, Lance D. 53-4
Redo, S. Frank. 57-1
Rees, J. Richard. 57-4
Reese, Martha K. 56-1
Reeves, Alexander G. 53-4
Reiman, Reuben H. 55-2
Reis, Donald J. 53-2
Reiss, Sanford M. 53-1
Remler, Anna M. 56-1
Reynolds, Herbert Y. 53-3
Reznikoff, Paul. 51-3
Ribble, John C. 54-4
Richard, Jack. 52-3
Richnak, Louis, Jr. 56-2
Richter, David Marc. 57-4
Richter, Goetz W. 54-1
Rigamer, Elmore F. 55-4
Rigney, Thomas G. 53-1
Riggins, Robert C. K. 53-2
Riggio, Robert R. 53-3
Riley, Edgar A. 52-3
Ringland, Joseph. 54-4
Rinzler, Seymour H. 52-3
Risk, Abraham. 54-4
Rizzo, Peter-Cyrus. 58-2
Rizzo, Thomas D. 58-3
Robbins, David B. 56-2
Robbins, Philip S. 55-3
Robbins, William C. 52-2
Roberts, Thomas N. 52-2
Robischon, William H. 54-4
Robinson, Theodore. 57-2
Rockwell, Fred V. 55-1
Rodi, Michael F. 58-4
Roff, George J. 56-3
Rogoff, Bernard. 52-2
Romas, Christos. 57-4
Roseman, David M. 52-2
Rosen, Gerald. 55-4
Rosenfeld, Isadore. 52-3
Rosenfeld, Martin J. 55-4
Rosh, Melvin S. 55-2
Ross, Albert Mathew. 53-1
Rothbard, Sidney. 52-2
Rubenstein, Melvin. 53-3
Rubin, Albert L. 52-2
Rubin, Allan B. 55-4
Rubin, Walter. 52-3
Rudd, Emmanuel. 53-1
Rudd, Lucie L. 55-2
Rudin, Leonard J. 55-4
Rueggesser, Paul. 53-1
Ruskin, Richard A. 54-3
Rutgers, Carol Fay. 53-3
Ryan, Donald K. 57-4
Ryan, Gerard F. 54-4
Ryan, Robert M. 57-4
Ryan, Samuel F. 54-2
Saffran, Richard. 53-2
Saint-Amand, Nathan E. 55-4
Salans, Lester B. 53-1
Salen, Gerald. 53-1
Sallick, Richard M. 56-4
Saltzman, Peter R. 55-4
Samios, George. 55-3
Samios, Nicholas. 56-2
Sande, Merle A. 53-3
Sanford, Edgar J. 57-4
San Miguel, Richard H. 55-4
Santen, Richard J. 53-3
Sarda, Rabin Manlunas. 57-4
Saville, Paul D. 52-2
Savers, Ross V. 53-1
Schaefer, George. 54-1
Scharer, Lawrence. 53-1
Scheer, Stuart C. 53-3

INDEX TO PROFESSIONAL STAFF MEMBERS

- Scherr, Lawrence 52-2
 Scherr, Robert S. 56-3
 Scherzer, Alfred L. 55-1
 Schiavi, Raul C. 55-3
 Schiebler, John C. 57-4
 Schlaepfer, William W. 54-2
 Schmidt, J. Kenneth 58-3
 Schmidt, John G. 57-1
 Schneider, Edward L. 53-4
 Schneider, William J. 53-3
 Schoenholtz, Jack C. 56-3
 Schoelly, Marie-Louise 55-3
 Schreiber, Howard 55-2
 Schulman, Jerome L. 52-3
 Schulz, Thomas J. 58-4
 Schuyler, Leonard H. 52-3
 Schwanderla, Edward A. 56-2
 Schwartz, Ernest 52-3
 Schwartz, Gabriel H. 53-3
 Schwartz, Jerold 51-3
 Scott, William R. 53-3
 Scovel, Frederick G. 53-1
 Seed, William T. 55-2
 Seelye, Edward E. 56-1
 Segaul, Robert M. 57-4
 Seidenstein, Harvey 53-3
 Seixas, Frank A. 53-1
 Seligmann, Arthur W. 52-3
 Selzer, Michael A. 56-1
 Sengelmann, Robert P. 59-4
 Seward, John H. 59-4
 Seybolt, John F. 54-1
 Shafer, Donald M. 58-2
 Shafon, Eugene P. 53-4
 Shagan, Bernard P. 53-4, 55-2
 Shapiro, Arthur G. 54-4
 Shapiro, Arthur Kyle 55-3
 Shapiro, David 53-1
 Shapiro, William R. 53-2
 Sharp, Vernon H. 55-3, 56-1
 Shashaty, George C. 53-4
 Sheard, Charles, III 52-3
 Shepard, Edward M. 52-3
 Shera, W. Robert 56-4
 Sheridan, Wallace M. 56-4
 Sherlock, Paul 52-3
 Sherman, Mark Melvin 57-4
 Sherwin, Albert C. 55-1
 Shibuya, Madoka 55-1
 Shuber, Jack 54-4
 Silver, Richard T. 52-3
 Silverman, Frederick 54-3
 Silverman, Gerald M. 52-3
 Simons, Donald J. 53-1
 Sinclair, Harry A. 53-1
 Skelton, Jay B. 54-3
 Skowronski, John R. 54-4
 Skudder, Paul A. 57-2
 Slater, Beatrice S. 55-2
 Slater, Ralph A. 56-2
 Slesinger, Marvin H. 52-1
 Smillie, Wilson G. 51-3
 Smith, Barry D. 54-4
 Smith, Carl H. 51-3
 Smith, David I. 55-1
 Smith, E. Fletcher 54-2
 Smith, Frank R. 51-3
 Smith, Garry Lee 57-4
 Smith, James P., Jr. 53-1
 Smith, James W. 59-2
 Smith, Martha L. 55-1
 Smith, William G. 56-3
 Snart, Alan G. 53-1
 Snodgrass, John J. 57-3
 Snyder, Stuart S. 58-2
 Sobel, David E. 55-3
 Sobel, Michael V. 53-4
 Sohn, Yung Jai 51-4
 Soloway, Josef 55-3
 Sonel, Ahmet 53-4
 Sonenberg, Martin 53-1
 Song, Chull S. 53-1
 Sonkin, Lawrence S. 52-3
 Speer, David S. 57-2
 Spencer, Charles D. 53-4
 Spencer, James H., Jr. 55-3
 Spielman, Aaron D. 52-3
 Spielman, Gerald M. 55-4
 Spinelli, Anthony N. 59-3
 Spital, Max 56-2
 Spritz, Norton 52-2
 Squires, Franklin A. 56-4
 Stafford, Gerald E. 55-2
 Stahl, Donald C. 58-4
 Stalder, George A. 53-2
 Stamatov, John A. 56-2
 Stanton, Edward F. 54-2
 Stassa, George 57-3
 Stauffer, John Q. 53-4
 Stauffer, Tom G. 56-1
 Steadman, E. Thomas 54-3
 Steckelman, Joel 55-4
 Stein, Harry L. 57-3
 Stein, Marvin 55-1
 Steinberg, Charles R. 53-4
 Steinberg, Herman 52-3
 Steinberg, Israel 52-2, 57-3
 Steinhart, Melvin J. 56-4
 Stenzel, Kurt H. 52-3
 Stern, Gertrude S. 54-4
 Stern, Peter H. 52-3
 Stevens, Alexander R. 51-3
 Stewart, Fred W. 51-3
 Stewart, Harold J. 51-4
 Stewart, John S. 54-3
 Stewart, William L. 56-3
 Stillerman, Maxwell 55-1
 Stimson, Philip M. 51-4
 Stockheim, Michael S. 56-2
 Stokes, Peter E. 52-2
 Stone, Richard W. 52-2
 Stone, William J. 53-1
 St. Pierre, Raymond 59-4
 Strasser, Harold S. 58-4
 Straub, Lee R. 58-1
 Straub, Leonard R. 55-3
 Strickler, James C. 52-3
 Stringfellow, Charles A. 53-4
 Struve, John F. 59-2
 Struthers, Jacqueline J. 57-4
 Stubenbord, William D. 52-2, 56-3
 Stubenbord, William T. 57-3
 Sufrin, Gerald 57-4
 Sullivan, John E. 57-2
 Sullivan, John L. 57-2
 Sullivan, Joseph D. 55-3
 Susman, David G. 51-3
 Swan, Kenneth G. 57-3
 Sweeney, William J., III 54-1
 Swift, Katharine 53-1, 56-4
 Taintor, Zebulon C. 56-4
 Takekoshi, Akemi 53-4
 Tamlyn, Thomas T. 53-1
 Tashchian, Agop 56-3
 Taylor, Charles N. 56-2
 Taylor, Irvin S. 58-3
 Temple, Harold L. 57-1
 Thal, Nathan 56-1
 Theodor, Emanuel 53-4
 Theodor, Rachel 55-3
 Thibeault, Donald W. 55-3
 Thompson, Arthur R. 53-4
 Thompson, David D. 52-1
 Thompson, T. Campbell 58-1
 Thorbjarnarson, Bjorn 57-1
 Tiedemann, Richard N. 57-4
 Timpanelli, Alphonse E. 52-2
 Todd, Jean E. 54-2, 57-2
 Tolins, Peter S. 55-1
 Tolstoi, Edward 51-4
 Topkins, Marjorie J. 51-1
 Torack, Richard M. 54-2
 Torre, Douglas P. 52-1
 Torsney, Jerome M. 55-2
 Traube, Sylvia G. 55-3
 Travell, Janet 53-1
 Travis, Lewis N. 53-4
 Trebowski, Theodore E. 58-3
 Triebwasser, Harvey S. 55-4
 Tripp, Cecil deWayne 53-4
 Troy, Bart L. 53-4
 Tucker, Kenneth F. 55-3
 Tunner, William S. 59-4
 Turner, Liebert S. 51-3
 Turpin, Delilah L. 55-4
 Tuttle, Thomas L. 53-4
 Tyndall, Marian 56-2
 Ubogy, George A. 53-4
 Vadeika, Edward A. 56-1
 Van Allen, Traer 56-1
 Van der Decker, John D. 53-4
 Van Nostrand, E. Leslie 56-3
 Vannucci, Robert C. 55-4
 Van Poznak, Alan 51-1
 Veith, Frank J. 57-2
 Verges-Flaque, Albert 59-3
 Vitori, Eugene F. 56-3
 Von Roenn, Kenneth F. 56-3
 Vorhaus, Louis J., II 52-3
 Wade, Preston A. 57-1
 Wadler, Gary I. 53-4
 Wadsworth, Morton L. 55-3
 Wagner, Lewis C. 51-4
 Waldbaum, Robert S. 59-4
 Walden, William D. 54-3
 Wallis, Lila A. 52-3
 Wallis, William E. 53-4
 Walsh, John H. 53-4
 Wanat, Francis E. 53-4
 Wantz, George E. 57-1
 Ware, James R. 56-2
 Warner, Nathaniel 55-2
 Warren, Porter H. 56-1
 Wasterlain, Claude G. 53-3
 Watkins, George M. 57-4
 Watson, Barraud J. 56-4
 Watson, Carolyn W. 54-2
 Watson, Robert F. 52-1
 Watson, Robin C. 57-3
 Wayne, Henriette L. 55-4
 Weaver, Dean H. 57-3
 Weber, Edward W. 56-3
 Webster, Bruce P. 52-1
 Wehner, Nancy S. 57-4
 Weiman, Clinton G. 52-3
 Weingram, Judith 51-3
 Weisbuch, Irwin 53-2
 Weiss, Alvah M. 55-1
 Weitzman, Elliott L. 55-2
 Weld, Francis M. 53-4
 Wells, Aaron O. 52-3
 Werner, Anthony S. 52-3
 Wertlen, Virginia 54-3
 Weser, Elliot 52-3
 West, John P. 57-1
 Weymuller, Charles A. 51-4
 Weymuller, Louis E. 51-4
 Whayne, Thomas F. 53-4
 Wheat, William D. 55-4
 Wheatley, Marjorie A. 51-4
 White, Stephen 57-1
 White, William A. 58-4
 Whitfield, Randolph, Jr. 57-4
 Whitman, Victor 55-4
 Whitmore, Willet F., Jr. 59-1
 Whitney, Alden E. 56-2
 Whitsell, John C., II 57-2
 Wieche, Robert E. 54-3
 Wierum, Carl 53-1
 Williams, Byard 52-2, 56-3
 Williams, John R. 59-2
 Wilson, Florence A. 53-1
 Wilson, May G. 51-4
 Wilson, Peter G. 55-4
 Wilson, Philip D. 51-4
 Wilson, Philip D., Jr. 58-2
 Wilson, Robert Lee 58-4
 Winchester, Patricia H. 57-4
 Winick, Myron 55-1
 Winston, A. L. 52-3
 Winters, William G. 53-1
 Wong, Michael M. 55-3
 Wolfson, Edward A. 53-1
 Woodruff, James M. 54-4
 Worthington, Edward L. 53-1
 Wright, Geoffrey B. 56-4
 Wright, Irving S. 52-1
 Wroblewski, Felix 53-1
 Yadley, Richard A. 53-4
 Yang, Chao Hsiung 54-4
 Yapalater, Alvin R. 56-1
 Yormak, Stanley S. 53-1
 Young, Alexander W. 52-3
 Young, Margaret Jane 53-4, 55-3
 Young, Robert C. 53-4
 Yu, Peter Wei-Ting 51-3
 Yuppa, Joseph Anthony 53-2
 Zahn, F. Darwin 57-4
 Zinn, Stephen A. 57-4
 Zipser, Stanley S. 54-4
 Zito, Joseph J. 58-3
 Zweifach, Philip H. 58-3

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The Society of the New York Hospital pays tribute to the many selfless, dedicated individuals who in past decades enabled the Hospital to come into being and to carry forward its mission to humanity, and to those who in the present give of their resources so that its proud record of service may continue. Their contributions, large and small, are the life-blood of the Hospital.

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Donors of sums in any amount are extended the sincere appreciation and deep gratitude of the officers of the Society on behalf of the thousands of people whom the Hospital serves.



THE SOCIETY
OF THE
NEW YORK
HOSPITAL

ANNUAL
REPORT
1967





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 is a voluntary, non-profit institution,
 operated as a community service by
 The Society of the New York Hospital,
 525 East 68th Street, New York, N. Y. 10021



THE NEW YORK HOSPITAL

PIONEERS AND BUILDERS OF BETTER HEALTH CARE FOR THE PUBLIC

*Throughout its history
The New York Hospital
has adhered to a four-
fold purpose:*

***CARE OF THE SICK
TEACHING
RESEARCH
PREVENTIVE MEDICINE***

A REPORT OF THREE DECADES OF PROGRESS

Three Decades of Progress in The New York Hospital

IF an institution is to realize its full potential for achievement, it must use the present to build upon the past and to plan for the future. It must not merely react to events; it must mold them.

Throughout its almost two hundred years of existence, The New York Hospital has achieved eminence not by merely keeping abreast of events, but by shaping history. Every decade presents new problems, its own unique challenge.

The modern era of the Hospital might be dated from 1932, when it moved to its present site and achieved the status of one of the nation's leading medical centers. Here it has advanced its four-fold ideal of care of the sick, education for the medical profession, research into the cause of disease and practice of preventive medicine.

This modern era, embracing little more than three decades, saw greater progress in conquering disease than previous centuries. In this great achievement, The New York Hospital played and will continue to play a leading role.

But more than the course of medical science is changing. The mode of delivery of health service to the people is coming under close scrutiny. Society seeks new ways in which medical

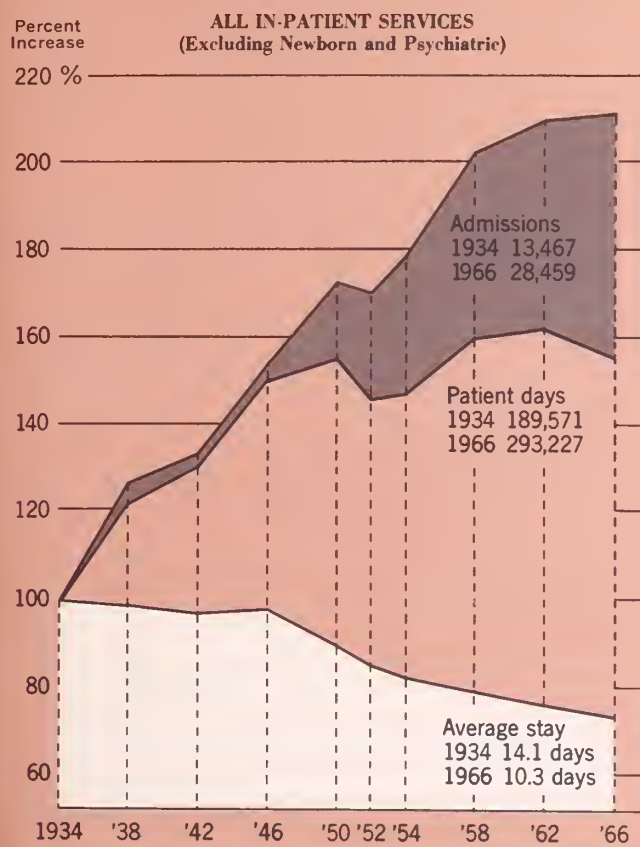
advances can be made available to more people more quickly. The concept of health care as a right, not a privilege, has seized the imagination of the American public.

Prepaid hospital and health insurance, as well as government-financed programs of health care, have made their appearance on the scene. All signs point to the beginning of a new era in which old patterns of providing health care will be discarded and new ones evolved.

What is the role of the medical center in this time of great transition? What are the trends, discernible from the past, upon which the future can be solidly built?

In the pages that follow, such a documentation of trends, from 1934 to the present, is presented. Here one may see in graphic form the changing modes of service rendered by the Hospital to its patients, the higher levels of costs and the shifting patterns by which this cost is being met.

In this age of transition, planning for the future must rest on careful evaluation of these facts. Upon this solid base, The New York Hospital can then use its talent for innovation, its organizational skills, and its traditional dedication to excellence, to help usher in a new era of better health care for all.

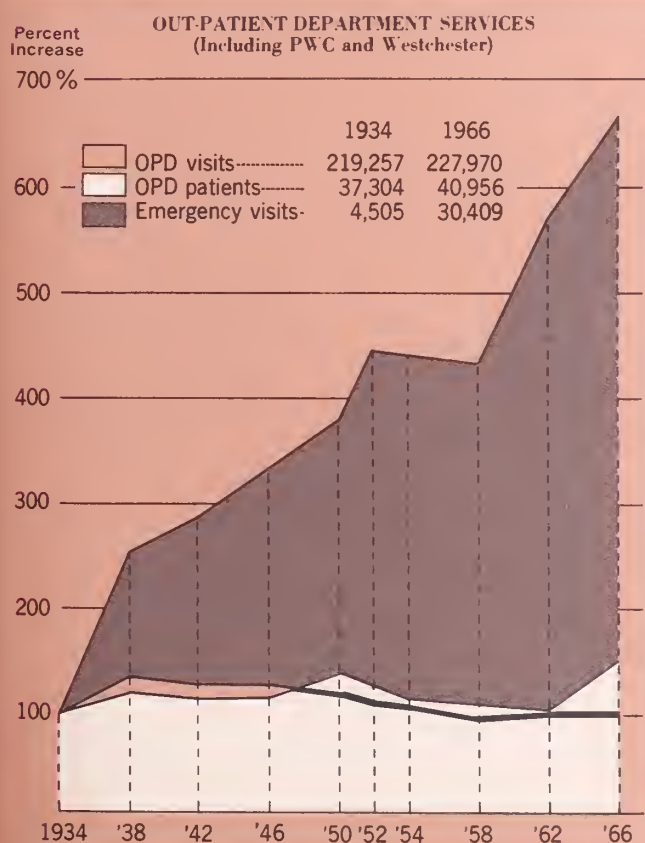


The Hospital Serves More People

The rise in number of admissions of patients to the Hospital shows the increasing use of the Hospital's facilities.

Rate of occupancy has fluctuated from a low of 67 per cent in 1934 to a high of 88 per cent in 1946. This rate of occupancy in 1966 was 81 per cent.

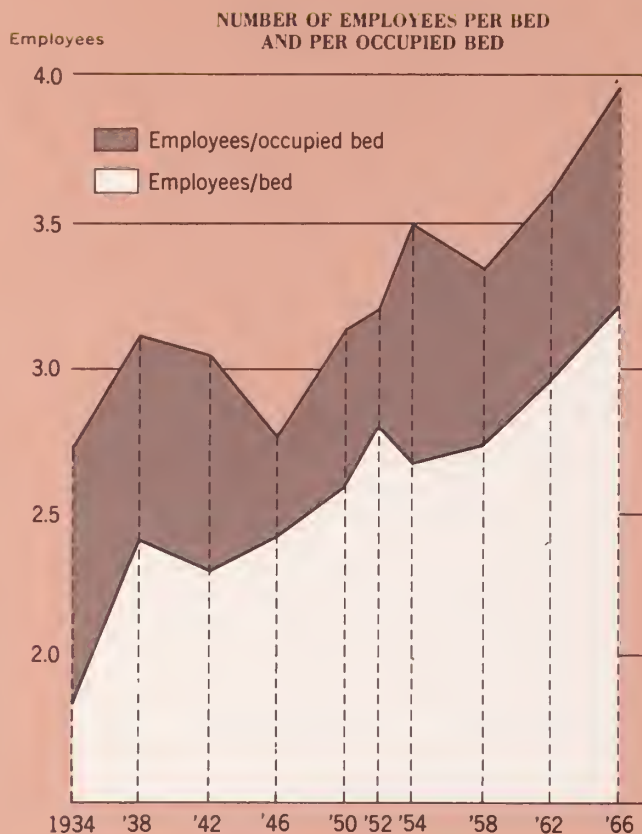
The decline in average length of stay reflects new medical techniques which have resulted in more rapid recovery.



The slow but steady upward trend in the number of out-patients continues.

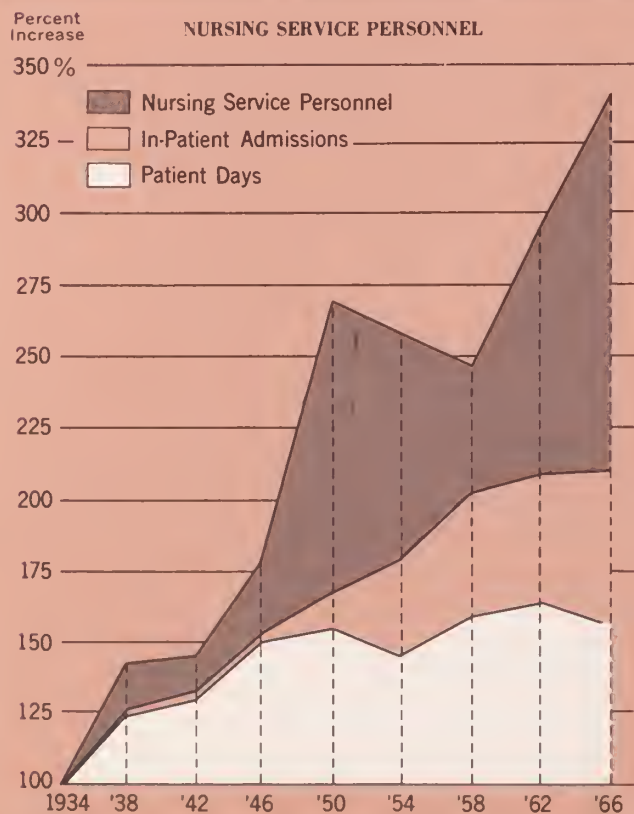
The dramatic rise in visits to the Emergency Unit reflects a national trend toward the use of emergency facilities for after-hours and weekend medical care.

The Out-Patient Department is a notable area of community service.



Modern Medical Care Demands More Staff, More Scientific Back-up, More Tests.

Intensified care requires more employees per bed than the less complicated medical treatment afforded patients three decades ago. In 1934, there were 1.75 employees per bed; in 1966 the figure was 3.20. This has immediate bearing on the cost of a stay in the hospital.

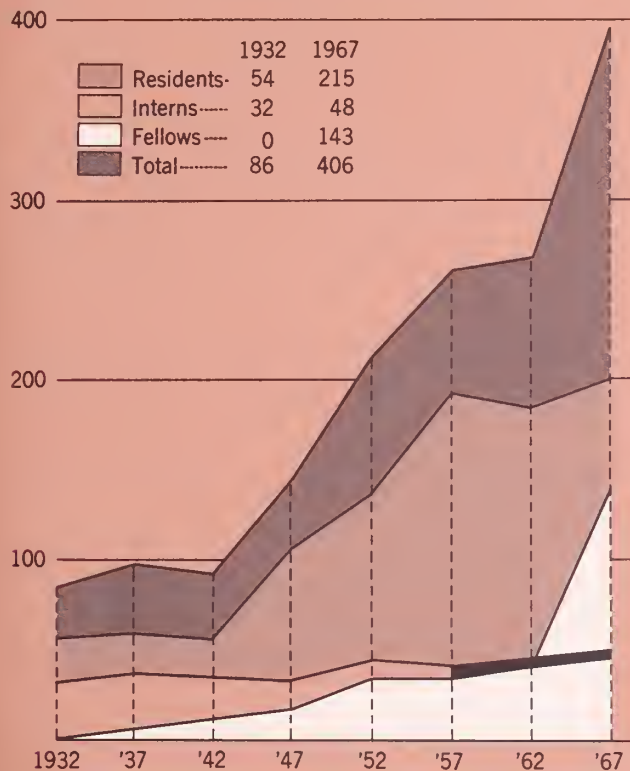


Professional nurses on the staff rose from 278 in 1932 to 745 in 1967. Non-professional members of the nursing staff increased from 170 to 785.

The annual budget for the Nursing School and nursing service rose from \$1,158,437 in 1942 to \$9,990,759 in 1967, representing 33.6 per cent of operating expenses.

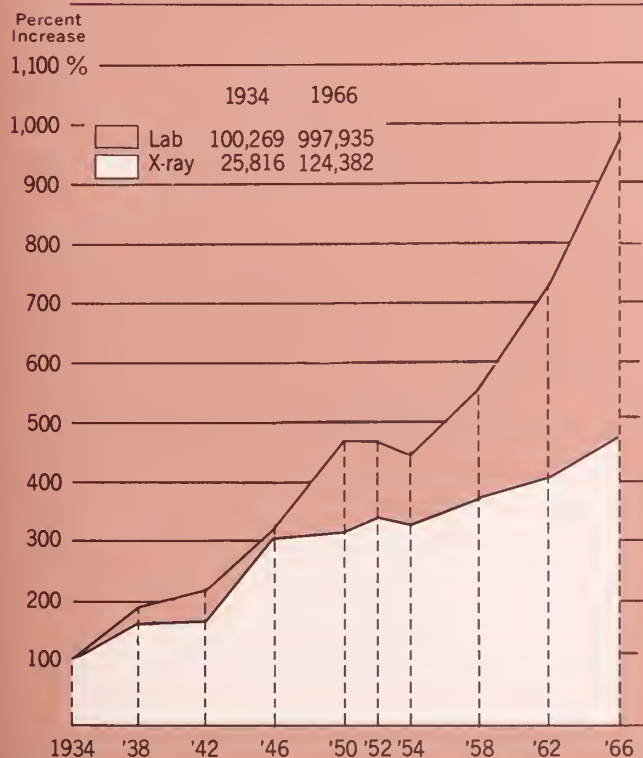
Professionals
on Staff

HOUSE STAFF STATISTICS



The sharp increase in the number of doctors on the house staff has bearing on hospital costs, on the quality of care afforded to patients, and to the Hospital's role as a teaching institution.

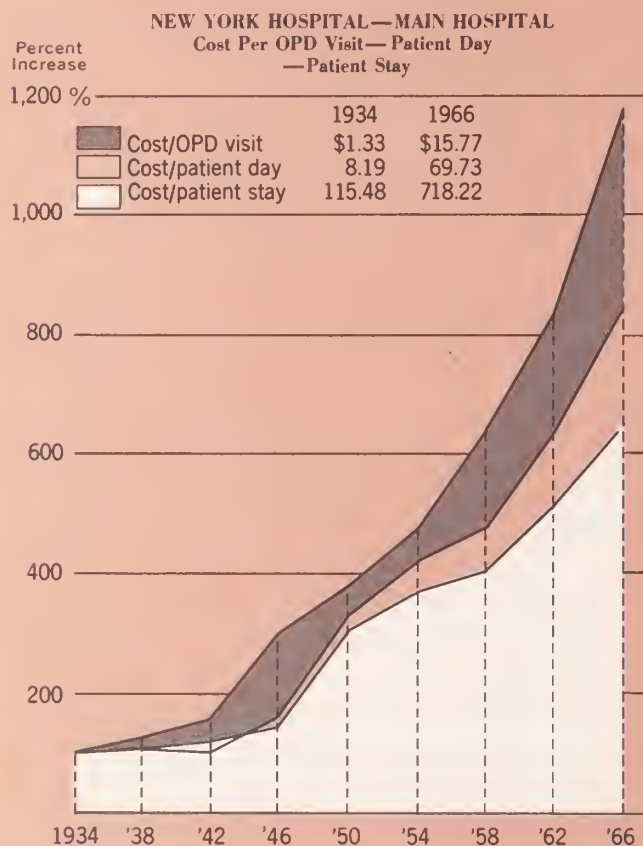
DIAGNOSTIC EXAMINATIONS



The increasing use of scientific techniques for pin-pointing sources of disease is shown in the dramatic rise in numbers of diagnostic examination performed.

Many of the tests used, such as radioisotopes, came into existence only during the past decade. Intricate scientific testing adds to the cost of hospital care, but also contributes immeasurably to the diagnosis and treatment of the patient.

Rising Costs Require New Patterns of Payment for Health Care Services



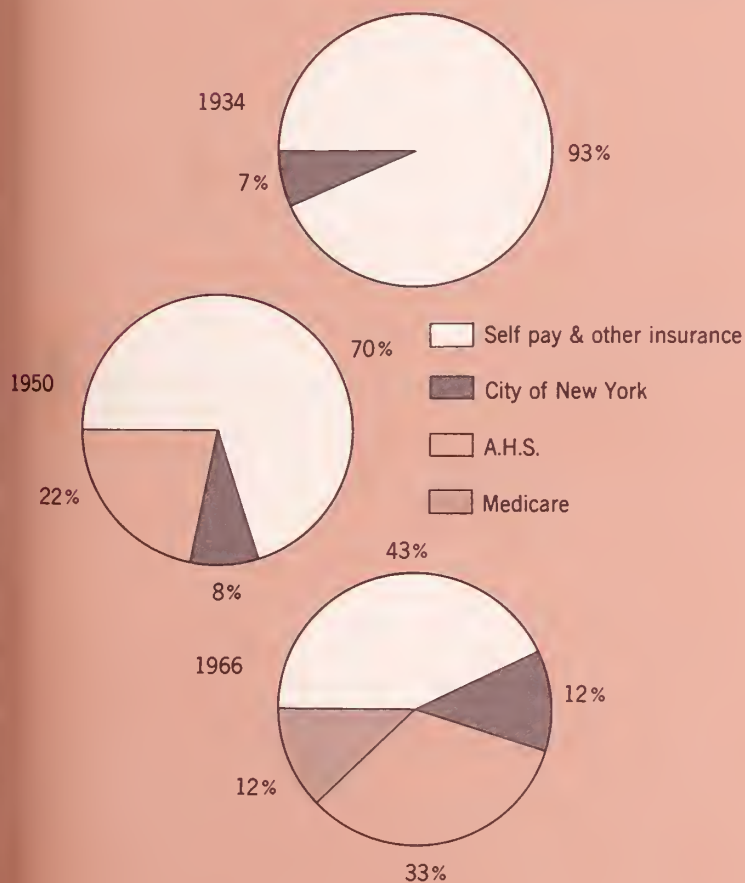
The rise in hospital costs, shown in the accompanying chart, is made up in part of the elements shown in the preceding charts, namely: the increase in number of employees per bed, the necessary increase in salaries and fringe benefits paid those employees, and the heightened expense of quality medical care, as exemplified in the proliferation of laboratory testing.

Among other contributing factors is the higher price of all commodities purchased by the Hospital, including expensive equipment for newly perfected procedures such as open heart surgery.

Despite the practice of most stringent economy and the introduction of labor-saving techniques and other systems for improving efficiency, it is almost inevitable that these trends will continue into the future.

NEW YORK HOSPITAL—MAIN HOSPITAL OPERATING
INCOME BY SOURCE

Total income, 1934 \$ 1,338,000
1950 5,636,000
1966 24,461,000



The near revolution in ways of paying for hospital care is shown in the chart at left. In 1934, all but 7 per cent of hospital bills were paid out of the patient's pocket or by privately maintained insurance. The remainder represented payments by the City of New York for indigent patients in certain categories. By 1950, Associated Hospital Service (Blue Cross) had appeared on the scene, and accounted for 22 per cent of Hospital payments. In 1966, the picture had changed even more drastically. Self-pay and private insurance had shrunk to 43 per cent. A.H.S. (Blue Cross) was represented by an impressive 33 per cent. The City of New York was paying 12 per cent and a new factor, Medicare, had appeared, accounting for 12 per cent of Hospital receipts. During the first year of Medicaid, when coverage was broad, the effect was to reduce even further the self-pay category, down to between 10 and 15 per cent. However, the legislation is being rewritten and its effect at this writing is in doubt.

All of these new ways of paying for hospital care impose new responsibilities on the Hospital, but at the same time provide new opportunities for service. Meanwhile, it is heartening to find a large part of the public embracing the ideal which has for so many years animated this Hospital, namely, the provision of the best possible health care to all citizens of the community.

A History of Service

The New York Hospital had its beginning in 1771, five years before this country was born. It owed its beginning, as it owes its existence today, to the spirit of compassion among men.

The founding fathers of the Hospital petitioned King George III of England for a charter enabling them to erect the first hospital in New York City and the second in colonial America. In 1776 the first patients were admitted to the Hospital buildings at the lower tip of Manhattan. Since this date, the Hospital has cared for nearly five million patients.

The New York Hospital was one of the first to take a modern view of mental illness and was the first to have a complete psychiatric department. In 1821, a new division of the Hospital, called Bloomingdale Asylum, was opened on upper Broadway for mental patients. The institution later moved to White Plains, N.Y., and was renamed The New York Hospital-Westchester Division.

In 1877 the Hospital moved from lower Manhattan to larger quarters on Sixteenth Street and established its School of Nursing. Close ties with the Cornell University Medical College, established informally in 1912 and consummated by agreements in 1927, furthered the Hospital's goal of becoming one of the world's great teaching institutions. Three independently famous hospitals became affiliated with it over the years, later merging legally with The Society of the New York Hos-

pital. They were the Lying-In Hospital, the Manhattan Maternity and Dispensary and the New York Nursery and Child's Hospital. Since 1949, the services in orthopedics and rheumatic disease have been centered in the Society's affiliate, The Hospital for Special Surgery.

The Hospital moved to its present site in 1932. The New York Hospital-Cornell Medical Center, occupying three city blocks at 68th Street and East River Drive, is made up of the Hospital, the Cornell University Medical College and the Cornell University-New York Hospital School of Nursing. The activities of the three institutions are coordinated by a Joint Administrative Board under the active supervision of the President of the Center.

The four-fold concept of medicine of The New York Hospital embraces care of the sick, educating personnel for the medical professions, conducting research into the cause of disease, and preventive medicine to safeguard the public health.

For the pursuit of these objectives, The Society of the New York Hospital has relied on the support of many public-spirited citizens who down through the generations have sustained its life-saving work by their financial contributions, and without whose generosity The New York Hospital would not exist today. We salute these men and women whose spirit of compassion has made possible the great service to humanity which this institution represents.

THE NEW YORK HOSPITAL
525 East 68th Street / New York, N.Y. 10021

THE SOCIETY OF THE NEW YORK HOSPITAL

ANNUAL REPORT 1967



Officers and Governors of the Society	2
Standing Committees	38
Officers of the Women's Auxiliary	39
Officers of the Ladies' Auxiliary	39
Administrative Officers	39
Report of the President	3
Report of the President of the Center	6
Report of the President of the	
Medical Board	7
Anesthesiology	9
Medicine	10
Neurology	14
Obstetrics and Gynecology	17
Pathology	19
Pediatrics	20
Psychiatry	23
Radiology	27
Surgery	29
Report of the Director	31
Report of the Nursing Service	35
Report of the Women's Auxiliary	37
Financial Statements	40
Donors to the Society	46
Legacies	48
Endowed Beds	49
Professional Staff	51
Index to Professional Staff	60

The Society of the New York Hospital

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Jean Mauzé, *Vice-President for Finance*

Walter G. Dunnington, Jr., *Vice-President for Membership*

Stanley de J. Osborne, *Vice-President and Chairman of Budget Committee*

E. Hugh Luckey, M.D., *Vice-President for Medical Affairs*

Ernest F. Gamache, *Secretary and Treasurer*

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United States Trust Company of New York, *Investment Management Counsel*

Kelley Drye Newhall Maginnes & Warren, *Counsel*

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Alexander G. Bearn, M.D.	William T. Lhamon, M.D.	<i>Ex-officio</i>	

The New York Hospital—Cornell Medical Center

E. Hugh Luckey, M.D., *President*

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<i>Chairman</i>	Kenneth H. Hannan	Frederick K. Trask, Jr.	E. Hugh Luckey, M.D.
Arthur H. Dean	Francis Kernan	John Hay Whitney	<i>Ex-officio</i>

Report of the President

KENNETH H. HANNAN

AN INSTITUTION of the size and complexity of The New York Hospital must proceed simultaneously on many fronts, if balanced progress is to be achieved. During the past year, important appointments were made to the staff, interrelationships between various sections of the Medical Center were strengthened and progress was recorded in the continuing effort to find the financial resources necessary to sustain the Hospital's programs. In sum, it was a year of fruitful activity and solid accomplishment.

A major event of the year was the appointment of Dr. C. Walton Lillehei as Surgeon-in-Chief of The New York Hospital and Lewis Atterbury Stimson Professor of Surgery at Cornell University Medical College. Dr. Lillehei previously was Professor of Surgery at The University of Minnesota, where he conducted pioneering work in heart surgery and took part in the development of the heart-lung machine which made such surgery possible. His work on the repair of mitral and aortic valves led to his first successful use in man of a completely artificial heart valve replacement. Dr. Lillehei's appointment will add luster to an already eminent staff.

Dr. Lillehei succeeded Dr. Frank Glenn, who had been Surgeon-in-Chief for 20 years during which he made many contributions, among them the initiation of open heart surgery in this Hospital. Dr. Glenn has now retired to become a Consultant at the Hospital and Emeritus Professor at the College. He continues to be active in many Hospital projects and we look forward to his advice and counsel for many years to come.

Another major appointment was that of Dr. John T. Ellis as Pathologist-in-Chief of the Hospital and Professor and Chairman of the Department of Pathology at Cornell University Medical College. Dr. Ellis was formerly with the Medical Center for fourteen years, leaving in 1962 to become Professor and Chairman of the Department of Pathology at Emory University School of Medicine in Atlanta, Ga. Under his direction, that department became nationally recognized for its teaching, laboratory service and research. Dr. Ellis brings to the Hospital both technical excellence and broad administrative experience and we are confident that he will make an outstanding contribution to the Department.

The former chairman of the Department, Dr. John G. Kidd, resigned because of ill health in 1965. Since that time Dr. A. Whitley Branwood ably served as Acting Chairman.

Dr. Edward W. Hook, Jr., an Attending Physician in the Hospital and Professor of Medicine in Cornell University Medical College, was appointed to a post on the Medical Board.

Two outstanding women members of the staff retired after years of service during which they made many valuable contributions. Miss Helen Burnham Lincoln retired after 35 years as Chief Medical Record Librarian, during which time she became widely recognized as a leader in her profession. Mrs. Edna Rutherford, long a member of the Department, was appointed to succeed her. Mrs. Margaretta Treherne-Thomas, who founded the Hospital's Volunteer Department in 1949 and built it to its present strength and effectiveness, retired.

Mrs. Sally Crawford was appointed Director. She previously served as Acting Director of the Department.

A new departure in the delivery of health care services was the formation, as of July 1, 1967, of the Cornell Medical Group, composed of the heads of the clinical departments in The New York Hospital and Cornell University Medical College and associate members who are salaried physicians engaged in patient care, teaching, and research activities in the Center.

The organization of the Cornell Medical Group was in response to new patterns of payment for services arising from the initiation of Medicare and Medicaid. Many patients eligible for such benefits receive their medical services from the Cornell Medical Group. Their individual care is provided by the team of physicians most competent to deal with their problems. The organization of the group makes possible the most economic provision of medical care by establishing centralized administrative services, thus freeing the physicians to spend a greater part of their time in the performance of their duties.

The trend toward closer ties among the institutions of the Cornell Medical Community continued with the establishment of an arrangement with the Memorial-Sloan Kettering Cancer Center for the provision of radiation therapy services. Under the plan, radiological diagnosis is centered in The New York Hospital, while radiological therapy is provided by Memorial Hospital. Benefits from the arrangement include more efficient use of staff and elimination of the duplication of costly equipment.

The Capital Gifts Committee of The New York Hospital-Cornell Medical Center, under the chairmanship of Mr. Frederick K. Trask, Jr., has been most active in planning for the present and future financial needs of the Center. Many of the projects pertain directly to the welfare of the Hospital and its ability to serve

its patients. Among these are:

The Paul Felix Warburg Intensive Care Unit, which will provide expanded facilities for coronary care;

The Pediatric Urology Section, which will make it possible to care for children with urological problems;

The Family Planning Clinic and endocrine laboratories in the Lying-In Hospital, for which detailed plans are now being drawn;

Construction of surgical operating suites on the tenth floor of the Harkness Building;

Expansion and renovation of the Cornell University-New York Hospital School of Nursing, to make possible the doubling of the enrollment during the coming five-year period.

The Society of the New York Hospital, acting also on behalf of the Hospital for Special Surgery, the Memorial-Sloan Kettering Cancer Center and Cornell University Medical College was the recipient of a magnificent gift in the form of land and buildings at 422 East 72nd Street. The premises had been since 1931 the home of the Murry and Leonie Guggenheim Dental Clinic which during its existence provided free dental service to nearly 500,000 children of New York City.

In recent years various problems arose, making it increasingly difficult for the Guggenheim Clinic to function along the lines intended by its founders. With the advent of the State Medicaid Program, under which children eligible for treatment at the clinic would be entitled to care by private dentists, the Board of Directors of the Dental Clinic decided to terminate its activities.

The Guggenheim family desired to offer the facility for the use of the Cornell Medical Community and chose The Society of the New York Hospital as the recipient. Plans are now being drawn for the conversion of this splendid property to other uses.

A heart-warming event took place on December 5, 1967, when the Board of Governors celebrated the fortieth anniversary of the asso-



ciation of Mr. John Hay Whitney as a Governor of The Society of the New York Hospital. Mr. Whitney's contributions of leadership and sustained interest and support have been invaluable to the Society.

Two new Board committees were established by the Governors of the Society of the New York Hospital during the year. The Committee on Nursing which is chaired by R. Palmer Baker, has as members Mrs. Nathaniel P. Hill, Louis M. Loeb, Jean Mauzé, Mrs. John T. Pratt, Jr., and Kenneth H. Hannan, *ex officio*. The new Committee on Salaries has Devereux Milburn as Chairman; the members are Walter G. Dunnington, Jr., Frederick K. Trask, Jr., John L. Weinberg and Kenneth H. Hannan, *ex officio*.

The former Payne Whitney Committee and the Westchester Division Committee were combined into one, the Psychiatric Committee, reflecting the increased rapport between these two institutions following the affiliation of the Westchester Division with the Center two years ago. The membership of the Psychiatric Committee consists of Edward W. Bourne, Chair-

man, George F. Baker, Jr., R. Palmer Baker, Ernest F. Gamache, Walter A. Kernan, Joseph Verner Reed, Jr., David D. Thompson, M.D., and Albert Carey Wall.

The Board of Governors lost a valued member on the death of Willard S. Simpkins. Mr. Simpkins had been a Governor since 1943, lending his great qualities of leadership to many important committees. During his service as Chairman of the Hospital Art Committee from 1951 until his death on September 30, he was instrumental in establishing the noteworthy collection of paintings which adorn the Hospital walls and patient rooms.

With the rest of the world, the Board of Governors mourned the death of His Eminence Francis Cardinal Spellman on December 2, 1967. This great prelate and warm, understanding man was Honorary Governor of the Hospital from 1948 until his death.

In closing, I wish to express my appreciation to my fellow members of the Board of Governors and the Joint Administrative Board of the Center for their support and counsel during this active and constructive year.

Report of the President of the Medical Center

E. HUGH LUCKEY, M.D.

DURING 1967 the staff of The New York Hospital-Cornell Medical Center has been deeply concerned with plans for the future development of our institution. These considerations are a part of a concerted study program which was initiated by the Joint Administrative Board in 1965. It was the intent of the study to examine all aspects of our institutional activity, to predict and design patterns of future development, both in character and magnitude, and to determine the media necessary to accomplish these objectives.

Any attempt to predict the future of an institution must take into consideration the past, for the capacity of an institution for future accomplishment, like that of an individual, is greatly influenced by its past character. The rich history of The New York Hospital, Cornell University Medical College, and their association in this Medical Center is a fascinating object of study.

History is known to repeat itself. When the nearly two centuries of the institutional life of The New York Hospital is reviewed, one is struck with a remarkable pattern of cycles, each of forty to fifty years. At the interfaeces of these cycles there emerged a small group of remarkable men who guided the institution through a period of self-study and renewal.

Our modern phase is the result of the far-sighted planning of a small group of men which included Edward W. Sheldon, William Woodward, George F. Baker, and the remarkable Payne Whitney, who were deeply committed to The New York Hospital-Cornell Medical College association, and whose intellectual and

material commitment made this Medical Center a reality. These men were joined by President Livingston Farrand, Dean Walter Niles and Professor Lewis A. Conner, of Cornell, Abraham Flexner of the General Education Board of the Rockefeller Foundation, and, later, G. Canby Robinson, who became the first Director of the Association. And underlying the entire scheme is the name of Lewis Atterbury Stimson, Attending Surgeon at The New York Hospital and Professor of Surgery at Cornell University Medical College from 1898 to 1917, who more than any other person was the intellectual architect of the affiliation between The New York Hospital and Cornell. It was his relationship with Oliver Hazard Payne that accounted for the founding of Cornell University Medical College in 1898, his association with George F. Baker which brought about the affiliation between our two institutions in 1913, and his vision of greatness in the association of Cornell and The New York Hospital which stimulated the interest Payne Whitney had inherited from his uncle, Oliver Hazard Payne.

In the design and development of The New York Hospital-Cornell Medical Center these men had a unified concept of the missions of patient service, education and research. It was to such a joint enterprise that these men dedicated their energy and wealth. As we proceed with our planning for the future of our institution, we are made humble in our appreciation of their accomplishment and our responsibility to keep faith in their concepts and the joint institution which their efforts made possible.

Report of the President of the Medical Board

DAVID D. THOMPSON, M.D.

THE GOAL of all medical activity must be the care and recovery of the patient. Pursuit of that goal demands a balanced program in many areas. Education and training of physicians, nurses and paramedical personnel must go forward, if the human resources necessary to care for patients are to be available. At the same time that existing techniques of treatment are refined, so that more people can be helped more quickly, new modes of treatment are sought so that more areas of disease can be conquered. The Departmental reports which follow show to a striking extent this balanced approach in The New York Hospital, where the stated goals of patient care, teaching, research and preventive medicine are united into a single goal, to bring better health to more people.

For example, the Department of Medicine announces that the mortality rate in the Coronary Care Unit was reduced to 17 per cent, a notable achievement, while at the same time a new clinical cardiology training program was initiated. New methods of treatment, based upon extensive research, have greatly improved the care of patients in respiratory failure.

Similarly, special laboratories and other resources in the Department of Pediatrics were rapidly making the Hospital an area Center for handling the cardiac problems of children and for the treatment of rare metabolic and genetic disorders which ordinarily defy diagnosis. In Obstetrics and Gynecology, a two-pronged attack on the infant mortality rate consisted of the search for new ways to halt premature birth and plans for broad expansion of clinic

facilities to bring better prenatal care to more expectant mothers.

In Psychiatry, expansion of the staff and new techniques of treatment made possible the treatment of greater numbers of patients. The search continued for effective psychopharmaceuticals; use of the drug Lithium brought definite improvement to 80 out of 100 manic-depressive patients. The Department of Surgery pressed forward its program of kidney transplantation, with eight procedures being performed, bringing the total to 35. Such innovative procedures went hand in hand with a vast volume of more traditional surgery; 17,214 operations were performed in the Hospital during the year.

The Medical Board bears responsibility for high standards of professional performance as well as the maintenance of a balanced program between divisions and Departments. A new appointee to the Board this year is Dr. Edward W. Hook, Jr., an Attending Physician in the Hospital and a Professor of Medicine in Cornell University Medical College. Dr. Hook's special interests are infectious diseases and parasitology.

His appointment fills a vacancy which occurred with the resignation, in June of 1966, of Dr. Connie M. Guion, an event which should not pass without remark. Dr. Guion, widely known as the dean of women physicians, had served on the Medical Board since 1947. Her illustrious career has spanned many decades and includes many honors; she was the first woman in the country ever to be made a Professor of Clinical Medicine. The esteem in which this institution holds her is reflected in the



This Zeiss microscope projector enables a group of doctors to confer on evaluation of a slide. It magnifies 520 times.

name of the Hospital's Out-Patient Department headquarters, the Dr. Connie Guion Building. This brilliant, dynamic woman has made many contributions to the Hospital and to the field of medicine in general; although she has relinquished her duties on the Medical Board, she continues active in her practice and in the affairs of The Society of the New York Hospital, which she serves as Honorary Governor.

A summary of staff changes during the year follows:

New Appointments: Dr. C. Walton Lillehei was appointed Surgeon-in-Chief; Dr. Frank Glenn, who retired as Surgeon-in-Chief, was appointed Consultant in Surgery. Dr. John Ellis was appointed Pathologist-in-Chief. Details of these important appointments are discussed elsewhere in this volume.

Dr. J. James Smith was appointed Attending Physician. Dr. Betty S. Danes, Dr. Edward J. Lorenze and Dr. Kenneth G. Johnson were appointed Associate Attending Physicians. Dr. Richard J. Fleming and Dr. Douglas Gordon Potts were appointed to be Associate Attending Radiologists. Dr. Ari Kiev was appointed to the

position of Associate Attending Psychiatrist and Dr. Robert William McDivitt was appointed Associate Attending Pathologist.

Promotions: Dr. Jerome B. Posner and Dr. Donald J. Reis became Associate Attending Neurologists. Three were promoted to the position of Associate Attending Radiologist: Dr. David V. Becker, Dr. Herman Grossman and Dr. Zuheir Mujahed.

Dr. Edward Y. Liang, Dr. Bertrand L. New and Dr. Arthur K. Shapiro were promoted to the position of Associate Attending Psychiatrist. The position of Associate Attending Pediatrician was given to Dr. Martin J. Glynn. Dr. Florence Marshall and Dr. Robert McGovern. Dr. Edward Dunlap became Attending Surgeon, Ophthalmology.

Resignations and Deaths: Dr. Justin T. Callahan resigned his position as Associate Attending Obstetrician and Gynecologist; Dr. Jean E. Todd, Associate Attending Pathologist, also resigned. We record with sorrow the deaths of Dr. Helen Harrington, Attending Pediatrician; Dr. John R. Langstadt, Assistant Attending Obstetrician and Gynecologist; and Dr. John R. Cobb, Associate Attending Surgeon.

Anesthesiology

JOSEPH F. ARTUSIO, JR., M.D.
Anesthesiologist-in-Chief

IN 1967 the Department of Anesthesiology completed ten years as a separate clinical department in The New York Hospital. The Department of Anesthesiology was separated from the Department of Surgery in 1958 and the Anesthesiologist-in-Chief became a member of the Medical Board. However, it remained a section of the Department of Surgery of Cornell University Medical College. This year it was given academic status in the Medical College. A separate Department of Anesthesiology was established on July 1 and Dr. Joseph F. Artusio, Jr., was appointed its first chairman. Anesthesiology now has a place on the Clinical Science Faculty Committee of the Medical College and is represented at the highest level of the Hospital and Medical College.

The attending staff was the largest in the history of the Department. Twenty-one anesthesiologists participated in the clinical service. The total number of anesthetics administered in 1967 was 19,183, an increase of 458 anesthetics over 1966. The increase in the number of anesthetics was for general surgery; the number of anesthetics given for gynecological surgery and obstetrics was approximately the same as in 1966. The new nonflammable, nonexplosive anesthetics, halothane, developed in England, and methoxyflurane (Penthrane), developed in this institution, constituted more than 50 per cent of the anesthetics given during 1967.

The summer preceptorship continued in 1967, affording the medical students between their second and third years an educational experience in the Department of Anesthesiology within this Medical Center.

The departmental laboratories, led by Dr. Alan Van Poznak, continued to study the effects of anesthetics at the terminal of peripheral nerves. In addition, the investigation of cardiac arrhythmias, their nature and treatment were studied.

Twenty-one postdoctoral students were trained during the year. Dr. Gabriel Curtis, upon completion of his postgraduate training, became an Assistant Attending Anesthesiologist on the staff. Dr. Ann Huston resigned as Assistant Attending Anesthesiologist to begin a residency in psychiatry at the Institute for Living in Hartford, Connecticut.

There were 19,183 general anesthetics administered in the Hospital during 1967.



Medicine

ALEXANDER G. BEARN, M.D.
Physician-in-Chief

THE Department of Medicine has continued to expand its educational and research activities during 1967. The growing conviction that adequate medical care must rest on a firm scientific base has resulted in an increased effort to foster a pervading spirit of inquiry and to strengthen clinical and basic research in the Department.

The Division of Cardiology, under the direction of Dr. Thomas Killip, continues to be one of the Department's most active clinical services. The processing and interpretation of more than 30,000 electrocardiograms each year has required a reevaluation of existing procedures. Plans are under way to transmit the electrocardiogram, recorded at the bedside, to a Central Console in the Heart Station where it will be photographed on microfilm and projected on a screen for interpretation. During the past year, a new clinical cardiology training program on a Myocardial Infarction Research Program was funded by the National Heart Institute. Dr. Joseph G. Hayes, Dr. Edwin Ettinger and Dr. Killip completed their studies of the effect of lidocaine in the management of ventricular arrhythmia. The Coronary Care Unit has now been in existence for three years. The mortality from acute myocardial infarction on patients admitted to this Unit is 17 per cent compared to 31 per cent on the general medical wards. Dr. Milton Hollenberg is pursuing his research on the role of intracellular pO_2 on myocardial hypertrophy. Dr. Daniel S. Lukas and his colleagues in the cardiopulmonary laboratory have continued to investigate the detailed physiology and pharmacology of digitoxin in man. Studies are being directed

toward the binding of digitoxin to plasma proteins, its metabolic degradation and renal clearance.

The Division of Human Ecology, under Dr. Lawrence E. Hinkle, Jr., has continued a five-year prospective study of the relation between occupational experience, personality traits and coronary heart disease. Continuous monitoring of the human electrocardiogram in 600 men and women under controlled conditions simulating many of the features of ordinary life has revealed a remarkable "normal" in the electrocardiogram.

The Division of Allergy and Infectious Diseases, under the direction of Dr. Edward W. Hook, has continued studies on the pathogenesis and therapy of bacterial and parasitic infection. Dr. Gerald Mandell and Dr. Hook have been studying patients with an X-linked granulomatous disease, characterized by recurrent infections and an inability of blood leucocytes to kill certain ingested bacteria. Dr. Kaye also showed that the antibacterial activity of human urine is closely correlated with the urea content of the urine. Dr. Warren D. Johnson, Jr., and his associates have been studying the antimicrobial activity of a new antibiotic, cephaloglycin. Dr. Rhoda Michaels has continued her studies on sexual reproduction of *Schistosoma mansoni*, and Dr. Anne C. Kimball is investigating toxoplasmosis during pregnancy and the transmission of the infection in normal infants and in abortions. Dr. Benjamin H. Kean and Dr. Edward I. Goldsmith (Department of Surgery) are extending their research on the extracorporeal filtration of schistosomes to include *Schistosoma haematobium* and *S. japonicum*. The Cooperative Program of Training and Research with the University of Bahia, Salvador, Brazil began its fourth year. During this period Dr. David P. Barr and Dr. Melvin Horwith were in residence in Salvador. Four Cornell medical students spent their elective time at the University of Bahia, and one medical student and several

members of the faculty of the University of Bahia came to the Medical Center in New York.

Dr. Ralph E. Peterson and his colleagues in the Division of Endocrinology have continued to evaluate aldosterone metabolism and renin activity in patients with hypertension with and without hyperaldosteronism. Ovine renin has now been purified 25,000 fold and antibodies to this material will be used to develop a radio-immunoassay for renin. Chromatoelectrophoretic radioimmunoassays of follicular-stimulating hormone (F. S. H.) and luteinising hormone (L. H.) in plasma have been developed and will provide a powerful tool for investigating a variety of endocrine disorders. Dr. Melvin Horwith and Dr. Thomas da Cruz are evaluating the effect of intravenous glucagon in the differential diagnosis of hypercalcemia.

Dr. E. Lovell Becker, newly appointed head of the Division of Nephrology, and his colleagues have been pursuing research in several areas. The presence of fibrin in the glomerulus of a significant number of patients with the nephrotic syndrome suggests that deposition of fibrin may play an important role in the development of the nephrotic syndrome in man. Several studies are being performed on the relative role of the renal glomerulus and renal tubules in the proteinuria of renal disease.

Dr. Albert L. Rubin and his colleagues continue to be active clinically and experimentally in the renal transplantation program.

The introduction of special facilities for the intensive care of patients with respiratory failure on one of the pavilions has provided a center for the educational and clinical research activities of the Pulmonary Division under the direction of Dr. Carl Muschenheim and his colleagues, Dr. James P. Smith and Dr. Richard W. Stone. The management of respiratory failure has improved strikingly during the past two years since the introduction of newer methods of treatment based upon extensive research on the physiological principles of respiratory



The 17 Divisions of the Department of Medicine cared for 4,200 hospitalized patients in 1967.

failure. Dr. Susan J. Hadley has continued her investigations on the identification and significance of atypical myobacteria, commonly present in the sputum of normal individuals.

Dr. Ralph L. Nachman, newly appointed head of the Division of Hematology, and his colleagues have continued their studies on the subunit polypeptide structure of various Bence Jones proteins. In collaboration with Dr. Aaron Marcus, investigations have been carried out on the subcellular distribution of platelet proteins in congenital hemorrhagic states. Dr. Elaine Eyster is continuing her studies on the autoimmune hemolytic anemias. Dr. Richard T. Silver directs a very active chemotherapy program in association with a National Institutes of Health cooperative chemotherapy group. Dr. Ellen McDevitt and her colleagues continue to investigate thromboembolic manifestations of vascular disease from a clinical and investigational point of view.

Dr. Marvin H. Sleisenger and his colleagues in the Division of Gastroenterology have pursued their studies on a broad front. Dr. Graham H. Jeffries has continued his autoimmunity studies in pernicious anemia and liver disease and Dr. Bergein F. Overholt has extended his work to include gastrin. Dr. Charles Krone and Dr. Bernard Heckman are studying the intraluminal content of the jejunum during fat absorption. Dr. Walter Rubin is engaged in correlating fine structure and function of the mucosal cells in the stomach and intestine. The Division of Dermatology, under Dr. Farrington Daniels, Jr., has expanded its academic and clinical activities during the last year. Studies on the cryobiology and cryosurgery of the skin have been undertaken as a major research interest of the division.

The Division of Ambulatory and Social Medicine, under Dr. George G. Reader, continues a broad interdisciplinary program. Particular emphasis is directed toward the medical management of patients and in the organization of health services. Assignment for the first time of third-year medical students to the General Medical Clinic will provide an introduction to ambulatory patients in the fourth year. Dr. Norman Brachfeld has continued his studies of the myocardial response to ischemia and hypoxia interpreted by physiologic and biochemical parameters. Dr. Willibald Nagler continues to be in charge of the Division of Physical Medicine and Rehabilitation. The demand for the Home Care Program for Physical and Occupational Therapy as well as physical therapy on the Pulmonary Service has increased considerably during the past year.

Two new divisions in the Department of Medicine were created in 1967. Dr. Ralph L. Engle, Jr., formerly head of the Division of Hematology, has been appointed the Head of a Division of Medical Systems and Computers in the Department of Medicine.

A Division of Human Genetics was created in the Department under the direction of Dr.

Alexander G. Bearn. This division will be concerned with the broad applications of genetic principles to the investigation of human disease. Dr. Betty S. Danes has been studying the metabolic abnormality in Hurler's syndrome using the techniques of tissue culture. An increased mucopolysaccharide content can be demonstrated in the fibroblasts derived from affected patients and in clinically normal heterozygous carriers. Dr. Hartwig Cleve and Dr. Christian Rittner are pursuing biochemical and genetic studies on inherited variations in serum proteins.

The introduction of third-year students on the private medical service has proved a most successful innovation. Patients are worked up by students under the guidance of house staff and the attending physician. A series of combined clinical and basic science seminars were instituted to increase association between the clinical and basic sciences.

An academic Department of Medicine, however vigorous and excellent its faculty, can be increasingly enriched by the scholarly interchange of ideas with distinguished colleagues and investigators from other universities and medical schools whose perspectives and special competence complement the scientific endeavors of our own. The Department is fortunate to have a wise and generous benefactor who has made possible the fulfillment of these goals by creating The Mary W. Barr Distinguished Visitors Programme. In March, 1967, Dr. David P. Barr, Emeritus Professor of Medicine at Cornell University Medical College, inaugurated the program and was in residence for one week. In April, 1967, Dr. Robert F. Loeb, Bard Professor Emeritus of Columbia University College of Physicians & Surgeons, spent a similar time in our Department. For two weeks in November, 1967, Dr. Jan Waldenström from the University of Lund-Malmö was our first Mary W. Barr Distinguished Visitor from abroad. A major one-day symposium entitled, Immunology: Current and Future



All aspects of the patient are treated. This little girl is kept amused during a long convalescence in the Eugene DuBois pavilion.

Trends was sponsored by the Department of Medicine during the visit of Dr. Jan Waldenström. Professor Sheila V. P. Sherlock and Dr. D. Geraint James were visiting professors in October, 1967.

A specially designed program at Medical Grand Rounds was dedicated to Dr. Vincent P. du Vigneaud on the occasion of his retirement as Professor of Biochemistry in Cornell University Medical College, and to Dr. Frank Glenn on his retirement as Lewis Attenbury Stimson Professor of Surgery. Noteworthy among the many distinguished speakers at Grand Rounds throughout the year was the participation of Dr. F. Peyton Rous, Member Emeritus of The Rockefeller University.

It is with great sadness that the Department of Medicine reports the untimely death of Dr. Robert H. Melchionna.

Due to the limits of space it is not possible to include all of the honors accorded members of the Department during the past year. A few of the many that have been reported follow:

Dr. Thomas P. Almy was awarded the Cornell University Medical College Award of Distinction. Dr. Alexander G. Bearn was elected to the Board of Scientific Consultants of the

Sloan-Kettering Institute, and also elected Chairman of the World Health Organization Scientific Group on Inborn Errors of Metabolism. He continued to serve as a Visiting Professor of The Rockefeller University. He participated in the Symposium on Genetics and Development held as part of the Bicentennial Celebration of the College of Physicians and Surgeons. Dr. E. Lovell Becker served on the Research Advisory Committee of the New York Heart Association and also on the Research Advisory Committee of the Health Research Council of the City of New York. Dr. Farrington Daniels, Jr., was elected to the American Dermatological Association, became a member of the Photobiology Committee of the National Academy of Sciences, and an Associate Editor of the Journal of Investigative Dermatology. Dr. Ralph L. Engle, Jr., served as Secretary of the Harvey Society, and became a Member of the Committee on Scientific and Technical Communication of the National Academy of Sciences, National Academy of Engineering. Dr. William T. Foley was Chairman of the Sixth International Congress of Angiology in Barcelona. Dr. Edward W. Hook and Dr. Marvin H. Sleisenger were elected to membership

in the Association of American Physicians. Dr. Hook was also appointed a member of the Allergy and Immunology Study Section of the National Institutes of Allergy and Infectious Disease, a Member of the National Committee on Indian Health, The Association of American Indian Affairs and a Member of the Streptococcal Commission, Commission on Acute Respiratory Diseases, Armed Forces Epidemiological Board. Dr. Hook was the guest of honor at Emory Medical Alumni day where he gave a special lecture on Bacterial Endocarditis. Dr. Sleisenger was elected a Councillor of the American Society for Clinical Investigation. Dr. B. H. Kean was named Visiting Professor of Tropical Medicine, The London School of Tropical Medicine and Hygiene. Dr. Thomas Killip, III, Dr. Daniel S. Lukas and Dr. Norton Spritz were elected to membership in the American Society of Clinical Investigation. Dr. Killip also served as Visiting Cardiologist at the Massachusetts General Hospital. Dr. Lukas was appointed to the Editorial Board of the American Heart Journal. Dr. Carl Muschenheim served as Chairman, 4th National Conference on Indian Health, and as Chairman of the Research and Scientific Advisory Committee, New York TB and Health Association. Dr. Ralph L. Nachman was named to the Study Panel of Hematology for the Health Research Council of the City of New York. Dr. George G. Reader was elected a member of the Board of Directors of the American Geriatric Society, served on the Medical Care Advisory Committee of the Health and Hospital Review and Planning Council and was invited to the White House for the signing of Partnership in Health Act. Dr. Irving S. Wright was elected a Fellow of the Royal College of Physicians, London, and gave the Commemoration Lecture on the 200th Anniversary of Winston-Salem and the 25th Anniversary of Bowman-Gray Medical College.

Neurology

FRED PLUM, M.D.
Neurologist-in-Chief

THE year 1967 was remarkable in that neurological in-patient admissions and consultations were among the highest in the history of The New York Hospital, totalling 1500. Outside grant support for research and teaching, largely from federal sources, reached \$575,615.

The staff of the Department of Neurology numbered 29: 15 fulltime and clinical faculty and 14 research associates and resident trainees. In 1967 there were 627 admissions to the Neurological Pavilion, 3900 out-patient clinic visits, 873 consultations and 1739 electroencephalograms. At Memorial Hospital, 952 out-patients and 790 in-patients were examined and treated by staff members. At Bellevue Hospital, there were 359 in-patient admissions, 1256 consultations and 1682 clinic visits.

The principal change in the clinical programs during the past year was in the closely affiliated neurological service established with the Memorial Hospital-Sloan Kettering Cancer Institute. Dr. Jerome B. Posner, Associate Professor of Neurology at Cornell University Medical College and Associate Attending Neurologist in The New York Hospital, assumed responsibility as the full-time head of that division on July 1, 1967. At the same time, six beds were made available in the Memorial Hospital for the special study of neurological problems related to cancer. This unit initiated several studies which promise to improve the care of these patients and fundamental studies were undertaken to increase our knowledge of the biology of cancer in the nervous system. The Department of Neurology for several years has

included the outstanding resources of the Memorial Hospital in its resident training program, and this year undergraduate students began receiving instruction in neurology there.

Dr. Fred Plum, Anne Parrish Titzell Professor of Neurology and Neurologist-in-Chief, has continued his active investigation of central brain mechanisms that regulate the act of breathing and the flow and distribution of blood to the brain. Several studies with other members of the Department are leading ever closer to understanding the vital problem of what it is that regulates this flow. Results of this research have improved the care of patients with stroke and epilepsy.

Dr. Henry Dunning has continued to serve as Attending Neurologist and Clinical Professor of Neurology as well as Director of the Out-Patient Clinic in Neurology where he instructs students in clinical neurology.

Dr. Thomas Guthrie and Dr. Donald Simons have assisted Dr. Dunning in the care of patients and teaching in the Clinic as did members of the full-time staff and resident staff. Dr. Simons also served as Consultant in the EEG Laboratory.

Dr. Fletcher McDowell remained Director of the Neurological Service, Second (Cornell) Medical Division, Bellevue Hospital, and director of the stroke study program. Drs. McDowell and Sydney Louis have completed the data collection for the Natural History of Stroke which has been carried out at the Cornell Neurological Service at Bellevue Hospital for the past ten years. They are analyzing in detail information on 300 patients who have been followed for an average of 7 years. Dr. McDowell has been active in developing a research program to study rehabilitation in patients with stroke at the Burke Foundation. The last year has been spent standardizing means of assessing changes in function in patients in rehabilitation programs.

Dr. Jerome Posner has initiated a large-scale investigation into the effect of steroid

hormones in the treatment of brain cancer. Dr. Posner also continues his research on the effects of acidosis and alkalosis on the metabolism of cerebral brain slices. Research also continues on cerebrospinal fluid acid-base balance in delirious patients and the effects of pH alterations on cerebral blood flow.

Dr. John E. Lee has continued research projects on the buffering capacity of cerebrospinal fluid, the *in vivo* response of CSF pH and bicarbonate ion concentration to induced respiratory acidosis, and a cooperative study to evaluate the therapeutic effectiveness of ACTH on multiple sclerosis in acute exacerbations.

Dr. Paul McHugh remained Director of the Electroencephalographic Laboratory with weekly teaching sessions for the house staff and technicians. In addition, Dr. McHugh, who holds a joint appointment in the Department of Psychiatry, established the Primate Research Unit at the Westchester Division of the New York Hospital. He is continuing investigations into, respectively, adrenal cortical control by that part of the brain known as the limbic system; visceral changes in animals with self-stimulation of the brain; and the effects of brain injury on adrenocortical hormone control. He has begun new investigations in the development of avoidance behavior in the maturing canine and primate, and the endocrine effects in this development. Dr. McHugh, with Miss Helen Goodell and Dr. Fred Plum, is also doing a retrospective follow-up of patients attempting suicide.

Dr. Donald Reis and his collaborators have pursued their studies on the central neural control of cardiovascular reflexes; on patterns of distribution of regional blood flow; and on changes in brain catecholamines and serotonin in experimentally induced and naturally occurring emotional behavior during twenty-four hour cycles.

Dr. Henn Kutt, Bellevue Division, has continued studies on the metabolism of anticonvulsants. During the past year several reports



Oxygen, intravenous therapy, artificial respiration and defibrillation are used in the Intensive Care Unit for patients in coma.

of the action of other drugs on the metabolism of Dilantin have been made and studies of the mechanism of drug interference have been taken to a "test-tube" preparation. Another study completed this year found a high success rate in using intravenous Dilantin in status epilepticus. Research has been continued in experimental epilepsy showing the influence of the intensity of a seizure focus on the effects of anticonvulsant medication. Dr. Sydney Louis has been active with Dr. Kutt in continuing studies on experimental epilepsy and its control with anticonvulsant medication.

Dr. Hart Peterson directed the Pediatric

Neurology service.

Miss Helen Goodell was an advisor for a study of suicide being conducted on the Neurological Pavilion.

Dr. Gordon Potts has made an outstanding contribution to our program in neurological care and teaching and is currently conducting a neuroradiology seminar series for the resident staff and interested students. He is currently Associate Attending Radiologist and Associate Professor of Radiology, formerly of the Neurological Institute (New York) and the National Hospital for Nervous and Mental Diseases (Queen Square, London).

Obstetrics and Gynecology

FRITZ FUCHS, M.D.

Obstetrician and Gynecologist-in-Chief

THE year 1967 was characterized by a further decline in the number of births in the Hospital, but the reduction was not as marked as in the previous years. The total number of patients discharged, including newborn, was 11,656, compared with 11,952 during 1966. Adult discharges were 7,741, 87 less than in the previous year. Of these, 4,894 were obstetrical and 2,847 gynecological patients. There were 3,871 deliveries during the year, compared with 4,072 during 1966. The number of live births constituted 9.3 per cent of all live births recorded in Manhattan during 1967.

Infant mortality amounted to 74 deaths among 3,912 infants, including multiple births, weighing 1.1 lbs. or more. Of the deaths 24 were in infants of term size. If the infants under 2.2 lbs. are excluded, the mortality rate for all infants was 1.4 per cent. For infants 5½ lbs. or more, the mortality rate was 0.7 per cent. Infant mortality is an important yardstick in the evaluation of obstetric care and several measures were taken in efforts to reduce it. The treatment with alcohol of threatened premature labor continued and the results are very promising, although many patients are admitted too late for their labor to be arrested by alcohol or any other treatment, so that this new therapeutic approach has not yet led to a substantial reduction of perinatal mortality.

The fetal blood sampling during labor, initiated in 1966 was widely used in 1967. Useful experience has been gained from this work, which has been carried out by Dr. Irwin Merkat, assisted by Dr. Fernando De la Rama. The program on intrauterine transfusion in erythroblastosis fetalis was continued under the

direction of Dr. John Queenan, but more promising was his collaborative work with Columbia-Presbyterian Medical Center on the prevention of isoimmunization, with a potent anti-Rh immunoglobulin. This method promises to eliminate isoimmunization within the next generation. The hormone laboratory under Dr. Carl Beling has continued to evaluate the hormone assays in high-risk pregnancies. It has also been indispensable for studies of induction of ovulation with human gonadotrophins, which has been carried out by Drs. Merkat and Beling.

A highlight of the year was the reception of two major research grants. The Rockefeller Foundation provided a 5-year grant for the development of a Model Family Planning Clinic, for the appointment of professional staff to work in Family Planning, and for support of research and teaching in this important field. Despite need for larger facilities for the clinic, the Family Planning Clinic has continued to grow. There were 1,340 patients with a total of 2,511 visits. The study of intrauterine contraceptive devices was continued by Drs. Myron Buchman and Gideon Panter and the data were submitted to The Population Council, which serves as an information center for many of the studies. The Rockefeller Foundation grant will permit the Department to increase its Family Planning activity and to initiate study of other methods of contraception. Part of the Rockefeller Foundation grant will also be used for the reconstruction of the Clinic. Because of a change of plans, renovation of the clinic will start in 1968, in a less comprehensive manner than previously envisaged.

The Ford Foundation gave the Department very substantial funds in support of a research and training program in reproductive biology. This grant includes half of the cost of the establishment of the hormone laboratory in renovated facilities on the seventh floor of the Lying-In Wing. The hormone laboratory has



The Lying-In Hospital emphasizes good pre-natal care to protect the health of mother and infant.

outgrown the facilities in the Wood Building and the relocation to the Lying-In Wing will facilitate its service to the Department. The training program will be under the direction of Drs. Fritz Fuchs and Stewart Marcus and the first Fellow, Dr. Carlos Salvatore of the University of Sao Paulo, Brazil, arrived in October.

In 1966, the Department reintroduced the use of laparoscopy in gynecologic disorders and during 1967 this method proved to be so valuable that it is now a routine procedure. Drs. Thomas F. Dillon and Barry D. Smith are working on improvements of the equipment, which utilizes the fiberoptic illumination technique.

Dr. Hortense Gandy has been able to apply her methods for assay of androgens in blood to various clinical problems. She has also worked together with Dr. B. B. Saxena, in the Department of Medicine, on the relation between pituitary gonadotrophin secretion and ovarian function.

The Pathology Laboratory, directed by Dr. Elmer E. Kramer, examined 1,292 obstetrical specimens and 5,661 gynecological specimens. The total number of obstetrical slides was 1,774 and the total number of gynecological slides was 12,141.

Dr. Robert C. Knapp assumed the position as Director of the Department of Obstetrics and Gynecology at Meadowbrook Hospital, and Dr. Walter Freedman has assumed a similar position at the Grasslands Hospital. Both remain on the staff of the Department.

Dr. Howard J. Tatum was appointed Associate Attending Obstetrician and Gynecologist. Dr. Stewart Marcus and Dr. Richard Ruskin were promoted to Associate Attending Obstetrician and Gynecologist and Dr. Richard Hnat was promoted to Assistant Attending Obstetrician and Gynecologist.

Dr. John Langstadt died on March 2, 1967, after a prolonged illness.

Dr. Melville Platt resigned as Attending Physician in charge of the Out-Patient Department, in order to assume the position as Associate Director for Professional Affairs. Dr. Platt continues to carry out clinical work in the Department.

Dr. Justin Callahan and Dr. Edward Mann have established residence in other cities and resigned from the Department during the year.

Pathology

A. WHITLEY BRANWOOD, M.D.
Acting Pathologist-in-Chief

DR. JOHN T. ELLIS was appointed Chairman of the Department and Pathologist-in-Chief, effective January 1, 1968.

Dr. Robert W. McDivitt was appointed Associate Professor and Associate Attending Pathologist. He is also Director of the Laboratory of Surgical Pathology, where he replaces Dr. Jean Todd, who resigned to work with the National Institutes of Health. Dr. McDivitt made many improvements in this important diagnostic service.

Dr. Margaret Clements was promoted to Assistant Professor and Assistant Attending Pathologist on July 1, 1967. She also became Associate Director of the Cytology Laboratory, replacing Dr. W. D. Johnson, who resigned as Assistant Attending Pathologist to become Director of the Cytology Laboratory at the Brooklyn-Cumberland Medical Center.

Dr. George Gray was appointed Assistant Professor and Assistant Attending Pathologist on September 1, replacing Dr. James S. Magidson, who resigned to work in a community hospital on Long Island.

Dr. Carolyn Watson, of Cytology, was promoted to Clinical Assistant Professor and Assistant Attending Pathologist.

Dr. Goetz W. Richter, Associate Professor and Associate Attending Pathologist, resigned to become Professor of Experimental Pathology at the University of Rochester. Dr. Andrew Littell resigned as Instructor to become Associate Pathologist at North Shore Hospital.

A varied program of research was conducted in the Department during the year. Dr. Branwood continued his investigations on the enzymic activity of arterial intima. In addition,

joint projects were started with Dr. Thomas Killip, III, of the Division of Cardiology in connection with the M.I.R.U. and a new method of the localization of transaminase in cardiac muscle has been developed. This method will prove of great value in studying the problems of very early myocardial infarction in clinico-pathologic correlation.

Dr. John G. Kidd has continued his research on the metabolic and morphologic changes in mouse lymphoma cells following the removal of asparagine.

Drs. George E. Murphy, C. Richard Minick and Carl G. Becker continued their investigation into the nature of rheumatic heart disease, glomerulonephritis and atherosclerosis. Dr. Becker has developed an experimental model in the rabbit for the study of acute glomerulonephritis and its sequelae.

Drs. John F. Seybolt and Dr. William D. Johnson made exhaustive reviews of the cytology of cervical specimens and pleural effusions with the ultimate aim of improving accuracy in diagnosis.

Drs. Richard M. Torack and William W. Schlaepfer of the Neuropathology Laboratory, investigated problems of cerebral edema and nerve regeneration, and performed diagnostic services.

Dr. Jack W. C. Hagstrom continued his work on congenital heart disease in close collaboration with the Department of Pediatrics.

Dr. Richter, until his resignation on September 1, continued his work on the ultrastructural level, on problems of iron metabolism and hepatic carcinogenesis.

Dr. Branwood has continued his investigations on the enzymic activity of arterial intima. In addition, joint projects have been started with Dr. Killip in the Division of Cardiology in connection with the M.I.R.U.; a new method of localization of transaminase in cardiac muscle has been developed, which will be of great value in studying very early problems of myocardial infarction.

Pediatrics

W. W. McCrory, M.D.
Pediatrician-in-Chief

PATIENT care activities of the Pediatric Out-Patient Department increased moderately in 1967, with total visits, excluding emergency visits, of 36,090; there were 35,291 visits in 1966. This occurred despite a policy instituted in January, 1967, of limiting admission of new patients outside our health district. The position of Director is still unfilled; Dr. Barbara Ashe has performed commendably as Acting Director while a new Director is being sought.

Attendance at the Well Baby Clinic and the Isolation Unit was up, while there were small declines in attendance at the General and Specialty clinics.

The Emergency unit showed an increase of visits from 4,655 to 5,081. This increase reflects in part its use by families of the house staff and fellows of the Cornell community when private pediatricians are not available. Similar emergency care is also being given to children of families of the immediate neighborhood as well as other boroughs.

A new clinic, meeting on Thursday mornings, was instituted in October, 1967, at the request of the Division of Maternal and Child Health of the Department of Health of the City of New York. This Demonstration Clinic serves to teach attitudes useful to physicians and public health nurses dealing with well child supervision and maternal-child relationships. It is the only one of its kind in the City and serves the whole city of New York. Physicians and nurses working in maternal and child health care programs in the City are given priority for training in the program.

The activity was previously conducted by Dr. David Levy in the Kips Bay Health Center. His techniques are being adapted to the new setting and teaching needs in an effort to provide a meaningful interdisciplinary approach in this area. Dr. Levy and Mrs. Banks, a mental health nursing consultant employed by the Department of Health, are continuing their active participation. Dr. Bertrand New, Director of Child Psychiatry in the Payne Whitney Psychiatric Clinic, and Dr. Barbara Ashe are responsible for the clinic's planning and supervision. Others working actively on the project include Dr. Doris Goldberg, as pediatrician, Dr. Sergei Sanger of the Department of Child Psychiatry, and members of the Pediatric Out-Patient Department nursing staff. Observers assigned to the clinic are pediatric resident staff members, students and graduate nursing staff in the Out-Patient Department, as well as residents from other hospitals and graduate nurses from a variety of teaching resources.

Dr. William Seed became Director of the Adolescent Clinic in September, succeeding Dr. Joan Morgenthau, who resigned. Other additions to the staff during the year included Dr. P. Axel, Dr. A. Lacouis, Dr. R. Rapkin and Dr. M. Passarge.

The utilization of inpatient beds in the pediatric pavilion increased in 1967 even though total admissions were somewhat reduced from those of 1966. This increase is reflected in the increase in patient-days (31,377 in 1967 versus 31,053 in 1966) and overall occupancy (86.5% in 1967 versus 82.9% in 1966).

When it is realized that full occupancy in pediatric service cannot be much above 90% because patients with contagious diseases must be isolated, thus preventing full occupancy of allotted bed space, it is apparent that in the past year the Department reversed the trend toward decreased utilization seen in 1966.

The pediatric Ultramicrochemistry Laboratory, directed by Dr. Edward Schubert, has



Grand Rounds in the Pediatrics Department; four pairs of eyes look to the well-being of one little patient.

clearly demonstrated that these special facilities are essential for a university medical center pediatric service. The service provided by this Laboratory doubled in the past year. Total tests were 13,312 in 1967 and 6,400 in 1966. This Laboratory also aids in the diagnosis of rare biochemical disorders which are being referred to this Department with increasing frequency as the availability of this microchemical service becomes more widely known. In the past year patients with galactosemia, tyrosinemia, phenylketonuria, glycogen storage disease, and cerebral-ocular-renal syndrome of Lowe have been diagnosed. These biochemical disorders require special enzyme assays and specific amino acid and carbohydrate identification for diagnosis.

The assistance of Dr. George Frimpter of the Department of Medicine has been of in-

valuable help in the investigation of amino acid disorders. It is apparent from the increased frequency with which we are seeing rare metabolic and genetic disorders that the Department is gaining recognition and respect in the Greater New York medical community as a prime resource for physicians with problem cases that defy usual diagnostic approaches. This success would not be possible without a strong specialty-oriented Department where research is actively pursued by pediatricians concerned with studies in depth of specific fields of pediatrics, such as metabolism, cardiology, endocrinology, nephrology, hematology, and genetics.

The newly established Pediatric Cardiac Catheterization Laboratory directed by Dr. Aaron Levin has shown sizable growth in 1967. The number of cardiac catheterization



A hearing test is conducted by the clinician in the Speech and Hearing Clinic.

studies done in 1967 was 136, with 40 performed in infants of less than one year of age. In the first six months of operation (July-December, 1966) there was a total of 53 studies. The increase is largely due to the skill of Dr. Levin who can carry out these difficult studies in sick small infants. The addition of the laboratory has enhanced the ability of this Center to serve as a cardiac center for patients of all ages.

The Department of Pediatrics has established a Division of Psychology. Under the direction of Dr. Lee Salk, Attending Psychologist, this Division represents a new endeavor in the field of clinical psychology. A broad psychological consulting service specifically for a pediatric staff has never before been formally instituted.

The new Division is concerned with the diagnosis and prevention of psychological problems that arise in the context of medical illness or the hospitalization experience. It does not deal with children brought here specifically to seek help because of major mental disturbances; they are referred to Pediatric Psychiatry. The Division's services are available to all children and adolescents hospitalized in any part of the Center; their object is

to prevent disturbance which may result from the environmental change, to minimize the trauma of hospitalization, and to facilitate good physical recovery. They provide consultations in the Out-Patient Department, and consult in other cases involving diagnostic evaluation and patient management. Working in association with Dr. Salk in development of this service is Dr. Gail Gardner, Assistant Attending Psychologist. Services include diagnostic evaluation using standard observation, interview and test procedures for delayed mental development, speech and hearing disabilities, and abnormal mental function due to central nervous system disease.

Teaching is an important related function of the new Division. It will participate in instruction of medical students and staff in the recognition and handling of common psychological problems in normal infants and children; behavioral disturbances in children with chronic physical handicaps; "practical problems" in feeding, toilet training, and school adjustment, that occur as emotional problems in child-parent relationships. Dr. Salk's aim is to develop this service into a comprehensive program in which post-doctoral training in pediatric psychology will be offered. His companion purpose is to develop investigations that involve basic research.

Dr. Milton Levine, Director of the Pulmonary Disease Clinic, and Dr. Paul deGara, Director of Allergy Clinic, became Clinical Professors and Attending Pediatricians. Dr. Virginia Mitty and Dr. Florence Marshall became Clinical Associate Professors and Associate Attending Pediatricians, as did Dr. Martin J. Glynn and Dr. Robert G. McGovern. Dr. James Q. Haralambie was made Clinical Associate Professor and Attending Pediatrician.

Dr. Margaret Dann, Associate Professor and Associate Pediatrician, and Miss Helen McNamara, Senior Research Associate, retired in June after more than thirty years of effective and wholehearted service in the Department.

Psychiatry

WILLIAM T. LHAMON, M.D.
Psychiatrist-in-Chief

THE Department of Psychiatry continued actively to consolidate the Payne Whitney Clinic and the Westchester Division programs in a manner so that the two Divisions might complement each other in optimal fashion. There was considerable interaction between the two staffs in respect to supervision and provision of patient care. The Westchester Division was included in regular educational programs

with the medical college.

The following staff changes occurred during 1967. Dr. Ari Kiev and Dr. Sirgay Sanger joined the staff as Associate Attending Psychiatrist and Assistant Attending Psychiatrist respectively. Dr. Peter G. Wilson was appointed Coordinator of the Residency Training Program and Dr. Myron L. Glucksman was appointed head of the Psychiatric Consultation Service. Drs. Edward Y. Liang, Bertrand L. New, and Arthur K. Shapiro were promoted to Associate Attending Psychiatrists. Drs. Edmund A. Bashkin, Albert N. Browne-Mayers, Marilyn G. Karmason, and Michael A. Selzer were promoted to Assistant Attending Psychiatrists.

Group therapy is an increasingly useful means for treating patients; young people particularly seem to benefit from it.



Payne Whitney Psychiatric Clinic

RICHARD N. KOHL, M.D.
Medical Director

THE Payne Whitney Psychiatric Clinic observed its 35th anniversary on October 1, 1967, marking an era of many accomplishments. The Clinic was among the first private psychiatric facilities of a general hospital and has treated thousands of patients on a voluntary basis only, regardless of the nature or severity of their illnesses. As a community hospital it has provided both in-patient and out-patient services, day and night care, a walk-in clinic and an emergency service. Its training program and research activities have had a far-reaching effect upon the nation's increasing interest in psychiatric education and mental health. The number of applicants for residency training has increased approximately 100% during the past two years.

In the year 1967 a number of innovations contributed to continued progress in all aspects of the Clinic's activities. The Out-Patient Department, under the direction of Dr. Edward Y. Liang, further extended its activities in the community. As a result of new therapeutic techniques and the appointment of new staff psychiatrists the clinic has been able to treat a far greater number of in-patients and out-patients than in previous years. The psychiatric consultation service under the direction of Dr. Myron L. Glucksman, carried out over 700 consultations in the general hospital, Rockefeller University Hospital, the Hospital for Special Surgery and Memorial Hospital. As a result of recruitment and the appointment of licensed practical nurses there has been a steady, productive increase in the nursing staff.

In accordance with curriculum changes of Cornell University Medical College, third year

medical students began to rotate through the psychiatric service on a full-time basis in groups of seven for four-week periods. The rotation includes field trips to a drug addiction center, a state hospital, the Westchester Division of The New York Hospital and to a community mental health center.

Supervision and consultation for in-patient care was provided by Drs. William T. Lhamon, Edmund A. Bashkin, Barbara J. Betz, Helen E. Daniells, Frederic F. Flach, Francis D. Kane, Alfred B. Lewis, James F. Masterson, Michael A. Selzer, Arthur K. Shapiro, James H. Spencer, Leonard R. Straub, Elliott L. Weitzman, and Peter G. Wilson.

Dr. Peter G. Wilson, Coordinator of Residency Training, foresees a promising future for audio-visual teaching through the newly installed closed circuit television. The Division of Child Psychiatry, under the direction of Dr. Bertrand L. New, has been approved for specialty training by the American Medical Association and the American Board of Psychiatry and Neurology. The Cornell Program in Social Psychiatry, under the direction of Dr. Ari Kiev, has embarked upon several investigations; a study of post-hospital adjustment and the role of the family in cases of attempted suicide, and community follow-up studies of ex-patients. The Division of Human Ecology of the Departments of Medicine and Psychiatry, under the direction of Dr. Lawrence E. Hinkle, Jr., has been primarily concerned with a study of the relation between occupational experience, personality traits, and the occurrence of coronary heart disease, long-term continuous observation of the human electrocardiogram, and an experimental investigation of the relationship between hunger, appetite, and obesity.

Dr. Arthur K. Shapiro instituted studies of the placebo effect and the origin and history of the double blind procedure. Dr. Nicholas Freyberg initiated a research program for the purpose of assessing the feasibility of com-

puterizing patient records. Dr. Peter E. Stokes continued his important work in psycho-endocrine metabolic research. Dr. Frederic F. Flach and Dr. Farouk F. Faragalla further extended their investigations of calcium changes in depressed patients. Dr. Lawrence J. Hatterer continued his ten-year study of and experimentation with psychotherapeutic techniques in the treatment of male homosexual patients. Members of the Department of Psychology have been actively engaged in the theoretical constructs of the Rorschach test, time perception, and psychogalvanic skin response and conditioning. The Section on the History of Psychiatry and the Behavioral Sciences, under the direction of Dr. Eric T. Carlson, continued its investigation of the development of psychiatric thought from primitive times to the present day.

The department of Psychiatric Nursing, Nutrition, Social Service, Occupational Therapy, Recreational Therapy and the educational programs for adolescents and young adults continued to play an important therapeutic role in the total care of individual patients.

Westchester Division

FRANCIS J. HAMILTON, M.D.

Medical Director

THE Westchester Division during the past year has continued to derive beneficial results from the affiliation with the Department of Psychiatry of Cornell University Medical College. This is evidenced by medical services to patients, the expansion of the education program and the continued basic research into human behavior. There were 379 patients admitted to the in-patient department during the year. This represents an increase in the number of new patients while the hospital stay was decreased and the number of discharges accelerated. The trend of an increased number of applications for admission of adolescent patients, which is shared by all psychiatric hospitals, has continued.

The in-patient medical services stressed intensive psychiatric treatment for all patients.

Psychological tests, such as this one in which the patient reacts to photographs, give clues to the patient's emotional outlook.



The graduate resident psychiatric staff, under supervision by senior consultants, assumed the major role in the care of patients. However, they were competently assisted by Senior Attending Psychiatrists serving as therapeutic consultants. The senior attending staff, Doctors Robert McKinley, Porter Warren, Edward Seelye and Jane O'Neil, administratively supervised and coordinated the entire treatment program. Recreation, occupational therapy, music and other activities are offered. All psychiatric patients participate in these activities. The Assistant Medical Director, Dr. Donald Hamilton, coordinated these aspects of the Hospital program.

The Out-Patient Department offered ambulatory psychiatric services to Westchester County citizens, including children, to 458 patients, including 245 new admissions. The clinic is under Dr. William McKnight.

The education program, under the direction of Dr. Barbara Betz, has continued to expand. The residency program was enhanced this year by graduate courses in basic sciences. Members of the Westchester Psychoanalytic Society offered seminars as visiting professors for the Hugh and others offered a course in behavioral psychiatric residents of Westchester County at this Hospital. Doctors Lhamon, Meikle, Mcsciences. The Westchester Psychoanalytic Society has its regular meetings at this institution throughout the year. The addition of Dr. Sanford Goldstone, Professor of Psychology in Psychiatry, has added skilled knowledge and experience in psychology to the program.

The Psychiatric Social Service Department, under Mrs. Lucille Andrews, has expanded its staff in the in-patient department, offering not only the usual services but also support to all parents of adolescents and the spouses of the alcoholic patients. The Karafin Tutoring School of Mt. Kisco served as consultant in education for our adolescent program. The patients attended school on the advice of their physician following consultation with the edu-

cation counselors. A few patients attended school at the Hospital while the majority commuted to school attaining creditation as preparation for further education.

The research program progressed during the year especially in the primate laboratory. Doctors Paul McHugh and Thomas Meikle continued their basic work in the neurophysiology of the hypothalamus and learning respectively. Doctors Lhamon and Goldstone continued their studies in time perception both in normal and abnormal disorders. Dr. Peter Stokes, with Dr. McHugh, continued studies in the observations and effects of alcohol in primates and in the total alcoholic study of the Hospital with Dr. Browne-Mayers. During the year Dr. Peter Stokes continued the lithium studies on abnormal emotional states, especially elation, with plans for further dynamic study in the future. He was assisted by a graduate trainee, Dr. Jack Schoenholtz. Dr. Robert McKinley initiated a follow-up study of discharged adolescent patients.

Under the direction of Dr. Alan McLean the Center for Occupational Mental Health sponsored the first Cornell occupational mental health research conference under the Department of Psychiatry of Cornell University Medical College. This meeting was attended by approximately 60 scientists and professional participants.

The Hospital has expanded its community relationships by offering in-patient psychiatric treatment to all citizens of the City of White Plains under contract with the Westchester County Community Mental Health Board. This added continuity to the community mental health program since the Out-Patient Department offers ambulatory psychiatric services to the citizens of the City of White Plains. Plans have been made for the Hospital to take part in the "suicide prevention program" in conjunction with the Westchester County Mental Health Association and the High Point Psychiatric Hospital in Port Chester.

Radiology

JOHN A. EVANS, M.D.
Radiologist-in-Chief

THE single most important event of the past year was the affiliation and integration of the radiological services of Memorial Hospital with the Department of Radiology of The New York Hospital-Cornell Medical Center. This will have major importance in the graduate training program in radiology as residents will

now be rotated through the diagnostic service of Memorial Hospital as well as through the radiation therapy department. This merging of the radiological services by the two institutions will result in an improved quality of patient care and improve the educational opportunities in radiology.

The most critical problem currently facing the Radiology Department and one that will undoubtedly remain acute for at least the next decade is the present rate of increasing demand for radiologic services. To meet the need for not only the basic radiologic services but to provide in addition the latest and most sophisticated advances in radiologic diagnosis and

The use of isotopes, for diagnosis and treatment, has contributed to the exciting development of a new specialty, nuclear medicine.





Giving a radioisotope thyroid scan. The machine is also used for scanning the liver, lungs, brain and other organs.

treatment requires expansion of our radiologic facilities.

Some of the most promising advances have been in the development of high speed gamma cameras. These are highly sophisticated recording instruments capable of producing radioactive images of various body structures such as the lungs, liver, spleen and pancreas within a matter of minutes. The application of these new methods and advanced equipment technology have resulted in a sharp increase in the demand for these diagnostic tests, beyond the current capability of the service to provide them. Expansion of the Nuclear Medicine (Radioisotope Laboratory) section of the Department is not only desirable but is essential for the support of other clinical services.

Dr. D. Gordon Potts, formerly a member of the radiology staff of the Neurological Institute of The Columbia-Presbyterian Medical Center, joined the full-time staff as Associate Attending Radiologist on March 15, 1967. Dr. Potts came to The New York Hospital with an international reputation as a neuroradiologist. He is in charge of the neuroradiology section of the Department of Radiology. In this short period he has significantly improved the qual-

ity of patient care in this highly specialized field as well as initiating research programs and a student summer fellowship program.

Dr. David G. Bragg, Assistant Attending Radiologist, was transferred to Memorial Hospital to be in charge of the diagnostic radiology department in that institution. This position has become of considerable importance since the integration of the diagnostic radiology service of Memorial Hospital with that of The New York Hospital-Cornell Medical Center.

Dr. Eugene Furth, who held dual appointments in the Departments of Medicine and Radiology and who was a member of the staff of the Radioisotope Laboratory, resigned to accept a position as Associate Professor of Medicine in the Albany Medical Center.

Dr. Lincoln Lum, an Assistant Attending Radiologist who had remained on the staff following completion of his residency, resigned to enter group practice in the San Francisco area. Dr. Kuo York Chynn, Assistant Attending Radiologist, who had been a productive and valuable member of the staff for the past ten years, resigned to accept a position at St. Luke's Hospital, New York City.

Surgery

FRANK GLENN, M.D.
Surgeon-in-Chief

THE Department of Surgery had an exceedingly active year in 1967, with patient care, teaching and investigation closely associated and advancing with increasing tempo. Medicare and Medicaid have had little effect on these activities thus far.

Dr. Edward Goldsmith and Dr. John Whitsell in cooperation with the renal group from the Department of Medicine performed eight transplants during the year to bring the total to 35. This clinical achievement has been considerably dependent upon the contributions of the work on immuno-suppressive substances carried on in research laboratories. For example, "cinanserine," a new serotonin antagonist, was employed with encouraging results.

The success with which organ transplants are accomplished is indicative of the mastery of surgical technique. However, the definitive objective of organ function requires acceptance by the recipient of the tissue from the donor. Control of the immune response is as yet incomplete; laboratory investigation not only guides current clinical application for organ transplantation but will in all probability make possible its ultimate success.

The surgery of the large vessels under the direction of Dr. S. W. Moore is rapidly increasing. More extensive replacements of diseased blood vessels and by-pass of those unsuitable for resection using prosthetic materials have been the accomplishments of Doctors Moore, George E. Wantz and Peter M. Guida.

Dr. Guida, working in the laboratory with animals and in the hospital with patients, has evolved a mathematical formula that enables the surgeon to measure the blood flow through

vessels by external means. This is a very useful development for both diagnosis and evaluation in deciding whether or not operation is indicated.

Doctors S. Frank Redo and George R. Holswade in cardiovascular surgery have extended the use of prosthetic replacements for patients with far-advanced valvular disease. In the research laboratories, Dr. Redo has been assisted by Doctors Hans Kivelitz and Rudolph Mallina in two major projects, first the development of a mechanical implantable cardiac substitute and second, the transplantation of the heart in young dogs, demonstrating that an interval of three hours between donor and recipient is compatible with satisfactory function.

New modalities in the chemotherapy of cancer are now available in a newly organized clinic under the direction of Doctors George Cornell and Armand Cortese.

In cooperation with the endocrinologists in the Department of Medicine, Doctors Frank Glenn and Henry Mannix, Jr., have introduced new measures in the diagnosis and treatment of disease of the parathyroid and adrenal.

Clinical and laboratory research in ophthalmology under the direction of Dr. John McLean include continuation of cryosurgery, study on cataracts and photography of the circulation within the eye.

Innovations in evaluation of diminished hearing and the use of compensating mechanisms have been contributed by Dr. James Moore and his associate, Miss Margaret Soisson, audiologist.

The care of the injured patient as provided in the model facilities in the Emergency Unit of The New York Hospital is carefully documented in publication to the laity by Dr. Paul A. Skudder.

Dr. Charles K. McSherry has completed a computer study of carcinoma of the colon covering 30 years' experience in this medical center and representing 1637 patients. Biliary tract disease is being pursued by Doctors



A dramatic moment in a kidney transplant operation. The first stitches are taken to connect the new kidney with the patient's blood vessels.

McSherry and Glenn.

The surgery of peptic ulcer has had the special attention of Doctors Bjorn Thorbjarnarson, William A. Barnes, William R. Grafe, Jr., and Kenneth G. Swan, seeking to reduce complications such as the "dumping syndrome," recurrences of the malady and malnutrition.

Another broad-based approach to increase the safety of surgical operations has been the researches of Dr. Arthur J. Okinaka. Pulmonary function studies have demonstrated the role of mucus in the terminal bronchioles of the postoperative patient where it accumulates to cause postoperative pulmonary complications. Dr. Okinaka has found this secretion to be associated with most pulmonary problems associated with disease, anesthesia and the inhalation of polluted air and noxious substances.

In another approach to lung function in the study of hyperbaricity, Dr. McSherry has concluded that there is close relationship of oxygen toxicity to the surfactant of the lung. This is significant in the use of increased oxygen

tension, a supportive therapeutic measure that remains controversial.

Doctors Victor F. Marshall, John H. McGovern and Edward Carl Muecke have materially increased the laboratory and clinical investigation of urological anomalies. In conjunction with the Department of Pediatrics, a separate urological unit has been planned and financed for completion within a year.

Doctors Bronson S. Ray and Russel H. Patterson, Jr., in neurosurgery have identified emboli caused by bubbles of air and blood clots within the brain by means of the ultrasonic detector. They have also developed a method for measuring ocular pulsation as an index of occlusion of the carotid vessels, a useful adjunct in treating patients with strokes. In the laboratory the mechanism of clotting in saccular aneurysms within the head is being studied in animals. Dr. Richard M. Bergland, a recipient of a Markle fellowship, has employed the electron microscope to define the pertinent anatomy of the hypothalamic control of pituitary.

Report of the Director

DAVID D. THOMPSON, M.D.

THE three divisions of The Society of the New York Hospital, during the year 1967, admitted 33,726 patients, as opposed to 33,238 in 1966. Treatment was given for 449,666 patient days, as opposed to a 1966 figure of 447,809. Continuing a steady upward trend, a grand total of 230,518 visits were made to out-patient clinics of the Hospital, as compared with 222,319 visits in 1966. The Surgical Division recorded 4,601 more visits than the previous year while the General clinic had an increase of 3,082. The Emergency Unit treated 30,659 individuals, a slight increase over the previous year.

During the year 1967 two department heads were selected, Dr. C. Walton Lillehei in Surgery and Dr. John Ellis in Pathology. These men will bring new programs to the Hospital which will influence importantly the future progress of the Hospital. They can be counted upon to maintain the high standards of their illustrious predecessors. Dr. Frank Glenn retired after 20 years of leadership as Surgeon-in-Chief. Dr. A. Whitley Branwood served ably as the Acting Pathologist-in-Chief following Dr. John Kidd's illness which necessitated his giving up his duties as Departmental Chairman.

Patients who sought our help continue to receive medical care of the highest caliber. The delivery of high quality patient care depends primarily upon the professional and non-professional personnel who staff our Hospital. The rapid rise in hospital costs is due in large measure to the long delayed increases in salaries of our personnel.

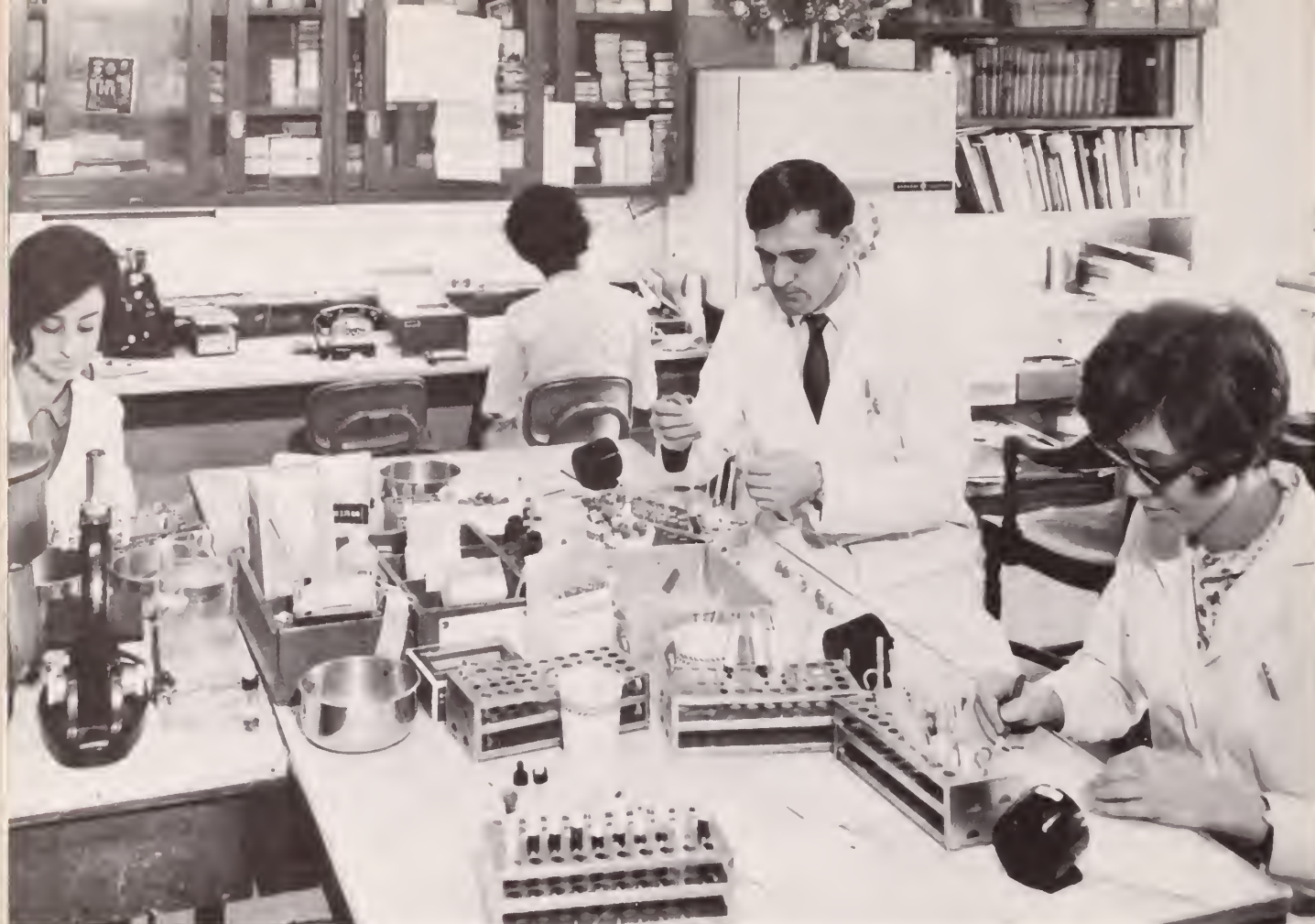
The rising cost of hospital care continues to be a source of major concern to the Hospital

administration, as well as to the public at large. During the past year, costs rose by 13 per cent and a similar rise is expected for the coming year. The public demands better medical care for more people but unfortunately the public is not aware of, and not prepared for, the financial cost involved. Caught in this dilemma, the Hospital must take all measures to operate at maximum efficiency and lowest possible cost consistent with maintaining the highest level of care and providing a climate which will foster improved health care in the future.

More than two-thirds of the Hospital's budget is spent on personnel. This expenditure cannot be cut; on the contrary, it has been necessary to raise the wage level, traditionally low in the hospital field, in order to recruit necessary professional and paramedical staff. The challenge is to recruit and direct the working force so as to secure the maximum usefulness for the expenditure involved.

In line with this objective, a management consultant firm prominent in the hospital field conducted a thorough study of the Hospital's wage and salary structure. Jobs were broken down into five main categories and grades of compensation were established within each group. This rationalization of compensation levels necessitated salary adjustment for many of the personnel, the initial impact of which increased Hospital costs by \$1,000,000 annually, as of January 1, 1968. It is anticipated that the added cost will assure the continued recruitment of employees of high caliber and the maintenance of a stable, efficient working force.

To maintain high standards of patient care



In the Blood Bank, technicians perform the many tests that are needed for blood typing. More than 12,000 transfusions a year are given.

it is necessary to press continuously for improvements in the Hospital plant, with installations of new facilities and modernization of old ones. Some of the changes have immediate bearing on patient care; others facilitate the work of supporting services which make such care possible. Among the improvements of the current year were the following:

1. The Chemical Laboratories on the sixth floor were renovated permitting greater centralization of chemical laboratory procedures, with resulting improvements in efficiency and economy.

2. The delivery room suites and the gynecological operating rooms making up the entire eighth floor of the Lying-In Hospital were fitted out with a centralized air conditioning system. In addition to cooling, the system provides air purification through filtering mechanisms.

3. The first floor of Lying-In Hospital was remodeled to provide additional rooms for private examinations and consultations between doctor and patient. A large-scale renovation of Lying-In Clinic facilities is on the drawing boards for 1968.

4. Alterations were made in the floor occupied by the premature nursery in the Pediatrics Department; this floor was likewise completely air conditioned with a system designed to purify the air.

5. The facility for treating patients in kidney failure through dialysis (use of the artificial kidney machine) was moved to larger quarters which had been renovated for the purpose. The larger area permits treatment of three patients at the same time.

6. Two meaningful improvements were made in the main kitchen of the Hospital. The entire area for handling meat was redesigned;

new meat refrigerators were installed and a new butcher shop constructed. In addition, automatic machines for washing pots and pans were purchased and installed.

These improvements are illustrative of the types of projects undertaken in 1967 which required capital expenditures of nearly \$1,000,000.

A significant development during the year 1967 was the continuing impact of legislation upon the sources of financial support and the means of delivery of health services. Medicare, Medicaid, Regional Medical Programs and Comprehensive Health Planning all had their effect on both out-patient and in-patient services of the Hospital.

The Out-Patient Department of the Hospital has modern facilities second to none and a program which provides medical care of a very high order, comparable to that given under the best of private auspices. In this time of changing patterns of health services, we must continue to develop our programs to meet the constant challenges which the new patterns impose.

It had been hoped that Medicare and Medicaid legislation would at last provide the necessary financial support for care of out-patients. As the State Medicaid plan was originally drawn, it was anticipated that between 75 and 80 per cent of patients would have the cost of their treatment underwritten by government support (Medicare or Medicaid). However, legislation now proposed would reduce substantially the numbers eligible for Medicaid and also reduce the benefits of those covered. This element of uncertainty makes it extremely difficult to make orderly plans for the future.

In the meantime, better ways to deliver health services to the community are constantly being sought. Some of the recent developments include the following:

1. The possibility of establishing a satellite clinic in a neighborhood, where health facili-



A pneumoencephalogram: an injection of air through the spinal canal permits photography of the brain.

ties are presently inadequate, is being explored by the Committee on Comprehensive Health Planning, headed by Attending Physician Dr. George G. Reader. The project envisions the neighborhood clinic acting as a primary clinic, with referrals to the Out-Patient Department of The New York Hospital as indicated for more extensive investigation and treatment. Our Medical Center would be responsible for planning, programming and staffing the clinic and the Hospital would provide hospitalization for those requiring it.

2. A new program for hospital-based home care has been launched, also under the direc-

tion of Dr. Reader. Through arrangements worked out with Associated Hospital Service, patients under 65 years of age with Blue Cross insurance, and patients over 65 covered by Medicare, may be discharged to their homes. There they receive all necessary care, including services of visiting nurses and other medical technicians, as well as the loan of specialized equipment, under the insurance provisions. The patient remains under the care of the physician who attended him in the Hospital.

It is the expectation that the successful functioning of this program will permit many patients to convalesce satisfactorily at home, rather than in hospital, and at the same time free needed hospital beds for those in need of intensive treatment.

3. A transfer agreement has been signed with the DeWitt Nursing Home, located near the Hospital, by which the Home will set aside 200 beds for patients of The New York Hospital; the Hospital will supply physician coverage and laboratory services. Medicare patients are currently using these facilities and agreements are being worked out with the City of New York for the inclusion of Medicaid patients. The facility is designed to provide convalescent and extended care looking toward eventual discharge of the patients. The Hospital for Special Surgery also participates in the arrangement, with an allocation of 80 beds. The Nursing Home will free a number of Hospital beds for acute care patients.

The Hospital continues to meet its responsibilities as a teaching institution and has expanded its activities in several areas. One example is the extension of undergraduate medical student participation into the semi-private services in the Department of Medicine. The students act as clinical clerks, record histories, aid in physical examinations and perform some laboratory procedures. This extension of the teaching program is part of an on-going

trend and is in line with the Hospital's philosophy that the best patient care is achieved in a teaching setting.

Another innovation during the past year was the program for training operating room technicians to serve as aids to operating room nursing staff. Six operating room technicians were graduated during the first phase of the program, five of whom are employed in the Hospital.

The Volunteer Department continued to make available the invaluable services of its highly trained and devoted members. During the year 1967, there were 357 men and women actively engaged in voluntary service; they contributed a total of 56,931 hours of service. During the year, a Volunteer Department was established for the first time in the New York Hospital-Cornell Medical Center Westchester Division in White Plains, N. Y. Volunteers now serve in every Department and division of the Medical Center.

Financial operations for each division of The Society for 1967 as compared with 1966 were as follows:

	Net Income (Deficit)	
	1967	1966
The New York Hospital	\$809,557	\$151,683
Payne Whitney Psychiatric Clinic	151,372	(36,836)
Westchester Division	(124,109)	(27,635)
Total for the Society	\$836,820	\$ 87,212

At the completion of my first year as Director of the Hospital I am deeply appreciative of the assistance of a capable and loyal staff. I am particularly indebted to Dr. Henry Pratt who served so effectively as Director for 18 years and from whom I inherited a superb administrative organization.

Report of the Nursing Service

MURIEL R. CARBERY
Director

MANY CHANGES are taking place within the nursing profession, changes stemming from forces within and outside the profession.

There has been increased governmental interest and support for nursing as indicated in the Nurse Training Act of 1964, the Health Professions Educational Assistance Amendments of 1965 and the 1967 Program Review

Report of the 1964 Nurse Training Act. All such support recognizes the importance of nursing services and is directed toward helping to improve the quality and quantity of these services.

Nursing itself is adapting to changing conditions and changing demands. One indication is the exploration of the functions and the potential contribution of the nurse clinician and/or the clinical nursing specialist. Miss Madeline Petrillo has been added to the growing list of specialists; her assignment is to confer with nursing and medical staffs on the management of children presenting problems in adjustment to the hospital.

New challenges to nursing skills are presented by the coronary care unit, the hemo-

In the Recovery Room, nurses prepare respirator for use. As medical technology advances, nursing requires greater knowledge and skill.



dialysis unit, and intensive care areas for open heart surgery, kidney transplants and other situations demanding informed nursing intervention. In the monitoring of the patient receiving such special therapies as dialysis or with heart action being electronically monitored, nurses are expected not only to provide the observation but to set the therapeutic intervention in motion as indicated. The defibrillation procedure is one example.

The changes resulting from the knowledge explosion and technical advances have necessitated almost continuous education of all nursing service personnel, regardless of preparation, to keep them up to date. Institutes in the Care of Premature and High Risk Infants were attended by 30 graduate nurses for a period of four weeks each. A Coronary Care Nurse Training Program provided training for 88 graduate nurses who attended for periods of five or six weeks.

To bolster the staffing of the Operating Rooms, a six months' training program for six operating room technicians, and a twelve months' program for six graduate nurses, were instituted.

Training and refresher sessions in cardiopulmonary resuscitation were made available to all graduate nurses. Today's hospital population is acutely ill, requiring intensive care. Thus, it is necessary to provide concentrated inservice training to staff in all clinical areas.

The turnover of professional nurses was 38.9 per cent in 1967, a decrease from 42.6 per cent in 1966. Appointments totaled 471; resignations numbered 412; the budget allocation was 745. Lack of immediate, reasonably-priced housing continues to be one of the major problems in the recruitment of graduate nurses.

The Sealantic Fund awarded financial support for a two-year period to identify potential candidates for nursing among those persons whose academic potential exceeds achievement, particularly those persons from minority

groups. We are working with Julia Richman and Benjamin Franklin High Schools in this endeavor. In addition we have a group of 30 adults, auxiliary personnel of The New York Hospital, who appear to have the potential for a greater contribution in the hospital setting.

Scholarship aid has continued to encourage graduate nurses to seek further academic preparation. This program, funded by the Hospital, provided assistance to 84 nurses in 1967; 82 for a part-time university program, two with tuition and stipend for full-time study. In addition, the newly-inaugurated Hospital Tuition Refund Program enabled seven Operating Room Technicians, four Pavilion Clerks and one Nursing Aide to enroll as part-time students in community colleges.

Thirty members of the 1967 graduating class of Cornell University-New York Hospital School of Nursing joined the staff.

The Committee for Scholarships has continued to provide the School of Nursing with its greatest source of income for grants. This year the Committee's gift totaled \$15,000 which included \$2,000 from the Helena Rubenstein Foundation, secured through the efforts of the Committee for Scholarships. This Committee has contributed a total of \$130,900 over the past 20 years.

The work opportunities for nursing students, planned cooperatively with Nursing Service, resulted in valuable assistance to our patients; 135 worked part-time during the year; 49 were accepted for full-time assignments during the summer; 44 took the licensing examination for Practical Nursing and performed at that level.

The death of Miss Julia M. Dennehy in July 1967 is recorded with sorrow. Miss Edna E. Tuffley succeeded Miss Dennehy to the position of Department Head, Private Patients Nursing.

Our future course will include greater efforts to develop new and more productive patterns of nursing education, nursing care and nursing service to meet the urgent demands in all areas.

Report of the Women's Auxiliary

MRS. VAN VECHTEN BURGER
Chairman

CLOSE cooperation of the committee chairmen and active participation by the membership resulted in a rewarding year for the Women's Auxiliary of The Society of the New York Hospital.

The Special Projects Committee, under the chairmanship of Mrs. Crawford Hill, sponsored a successful luncheon and fashion show at the Plaza in May, which was attended by 440 participants. The entire proceeds were given to the support of The New York Hospital Thrift Shop. Under the chairmanship of Mrs. John Barringer, the Shop has become a profitable undertaking in spite of increased costs and raise in rent. A special sale at the Nurses' Residence, arranged by the Shop, netted nearly \$1,000.

The Nursing Committee, under the chairmanship of Mrs. John Parkinson, Jr., and Mrs. Edwin T. Hauser, arranged outings for the nursing staff to the beaches and to movies; a special feature of the year's program was a trip to the Shakespearean theater in Stratford, Conn., to attend a performance of "A Midsummer Night's Dream".

As a result of the efforts of Mrs. Locke McLean and Mrs. Center Hitchcock of the Pediatric Recreation Committee, a record player and records, as well as a bridge table, were donated to the Teen-Age Evening Program of the Department of Pediatrics. The Committee also sponsored a Christmas party for the child patients.

The occupational therapy department was aided by an active committee chaired by Mrs. Philip Hopp and Mrs. Shumer Lonoff. A special bed and radio were donated.

Metal book boxes and a typewriter were purchased for the use of the Patients' Library. Miss Marilyn Graves reported that the annual book sale raised a record amount of money which will be used to support the library's work.

Mrs. W. Allston Flagg and Mrs. Laurette D. Robinson continued their work on behalf of the Payne Whitney Psychiatric Clinic; among the donations obtained for the Clinic were books and a grand piano.

The Hospital Gift Shop is an important source of revenue for the Hospital. Mrs. Malcolm Smith, chairman of the Gift Shop Committee, was able to report on a most successful year.

The United Hospital Fund Committee did a magnificent job of fund raising and almost succeeded in reaching the very large quota which had been set. The co-chairmen of this committee are Mrs. Henry A. Carr and Mrs. Horace S. Baldwin.

A successful event of the year was the Annual Luncheon for Staff members, at which Committee Chairmen meet their staff counterparts to discuss ways of working closely together for the Hospital. This and other events were well publicized, as a result of the efforts of Mrs. Frank Manheim as liaison with Public Relations.

Mrs. William M. Duryea accepted the chairmanship of the Social Service Committee, one of the important areas of Hospital service.

The Chairman wishes to thank the Committee Chairmen, the Auxiliary Officers and the staff for their dedication and cooperation throughout this busy and constructive year.

Standing Committees of The Board of Governors/1968

Officers: See page 2

Executive Committee	Frederick K. Trask, Jr. <i>Chairman</i> Walter G. Dunnington, Jr. Ernest F. Gamache Kenneth H. Hannan	Mrs. Nathaniel P. Hill Louis M. Loeb Jean Mauzé George S. Moore	Stanley de J. Osborne Mrs. John T. Pratt, Jr. David D. Thompson, M.D. John Hay Whitney
Finance Committee	Jean Mauzé <i>Chairman</i> Benjamin S. Clark	Vincent de Roulet Ernest F. Gamache John L. Loeb	Samuel C. Park, Jr. David D. Thompson, M.D. Frederick K. Trask, Jr.
Psychiatric Committee	Edward W. Bourne <i>Chairman</i> George F. Baker, Jr.	R. Palmer Baker, Jr. Ernest F. Gamache Walter A. Kernan	Joseph Verner Reed, Jr. David D. Thompson, M.D. Albert Carey Wall
Membership Committee	Walter G. Dunnington, Jr. <i>Chairman</i> Ernest F. Gamache	Mrs. Nathaniel P. Hill Mrs. Maynard C. Ivison Francis Kernan	Devereux Milburn A. G. Paine John L. Weinberg
Salary and Wage Committee	Devereux Milburn <i>Chairman</i> Walter G. Dunnington, Jr.	Frederick K. Trask, Jr. John L. Weinberg	Kenneth H. Hannan <i>Ex-officio</i>
Nursing Committee	R. Palmer Baker, Jr. <i>Chairman</i> Mrs. Nathaniel P. Hill	Jean Mauzé Mrs. John T. Pratt, Jr.	Kenneth H. Hannan <i>Ex-officio</i>
Audit Committee	John L. Weinberg <i>Chairman</i> George F. Baker, Jr.	William A.M. Burden George S. Moore	Stanley de J. Osborne Samuel C. Park, Jr.
Budget Committee	Stanley de J. Osborne <i>Chairman</i>	Kenneth H. Hannan	Jean Mauzé
Law Committee	Louis M. Loeb <i>Chairman</i>	Edward W. Bourne	Walter G. Dunnington, Jr.
Nominations Committee	Richard G. Croft <i>Chairman</i> Francis Kernan	Kenneth H. Hannan Devereux Milburn	Frederick K. Trask, Jr. John Hay Whitney
Real Estate Committee	Robert W. Purcell <i>Chairman</i> R. Palmer Baker, Jr.	Ernest F. Gamache Walter A. Kernan	Jean Mauzé David D. Thompson, M.D.
Retirement Board	Louis M. Loeb <i>Chairman</i>	Ernest F. Gamache Samuel C. Park, Jr.	David D. Thompson, M.D. Albert Carey Wall
Hospital Art Committee	<i>To be appointed</i>		

Officers of the Women's Auxiliary of The New York Hospital

Mrs. Van Vechten Burger
Chairman

Mrs. Warren R. Hedden
Vice-Chairman

Mrs. Thor Thors, Jr.
Vice-Chairman

Mrs. William M. Duryea, Jr.
Secretary

Mrs. Nathaniel P. Hill
Treasurer

Officers of the Ladies' Auxiliary to the Lying-In Hospital

Mrs. David N. Barrows
President

Mrs. J. Culbert Palmer
Vice-President

Mrs. Graham Hawks
Treasurer

Mrs. Robert Kinzel
Assistant Treasurer

Mrs. Elmer Kramer
Recording Secretary

Mrs. Randolph Gepfert
Corresponding Secretary

Administrative Officers/1968

Director

David D. Thompson, M.D.

Administrator

August H. Groeschel, M.D.

Comptroller

George J. McBride

Associate Director

William H. Scott

Associate Director for Corporate Affairs

Ernest F. Gamache

Associate Director for Professional Affairs

Melville A. Platt, M.D.

Director, Ambulatory Services

Allyn B. Ley, M.D.

Director, Nursing Service;

Dean, School of Nursing

Muriel Carbery, M.S., R.N.

Associate Dean, School of Nursing

Mrs. Ruth L. Kelly, Ed. D., R.N.

Director, Personnel

H. Henry Bertram

Director, Public Relations

Mrs. Kay Bailly

Chief Pharmacist

Norman Baker, B.S.

Director, Information

Helen J. Campbell

Director, Personnel Health

William N. Christenson, M.D.

Purchasing Agent

Lloyd G. Darling

Director, Medical Information

Jennie De Prima

Director, Building Service

Charles W. Farnham

Chief, Engineering

David Ferguson

Assistant to the Director,

Payne Whitney Psychiatric Clinic

Ronald Hamann

Director, Social Service

Marjorie Jonas, M.S.

Executive Assistant

Edmund Kadysiewski

Director, Linen and Laundry

John F. Kenney

Executive Assistant

Cosmo J. La Costa

Record Librarian

Mrs. Edna M. Rutherford, B.A., R.R.L.

Director, Security

Vincent E. Loughlin

Director, Nutrition

Esther J. Mackereth

Manager, Accounts

John J. Moore

Executive Assistant,

Building and Communication Services

James J. O'Connell

General Storekeeper

Henry E. Schlereth

Director, Volunteers

Mrs. Sara T. Crawford

Executive Assistant,

Purchase and Supplies

William Walton, B.A.

Chief of Service,

Vincent Astor Diagnostic Service

Robert F. Watson, M.D.

Director, Central Sterile Supply

Martha L. Weller, R.N.

Financial Statements

THE SOCIETY OF THE NEW YORK HOSPITAL, DECEMBER 31, 1967 AND 1966

Balance Sheets

December 31, 1967 and 1966

ASSETS

	1967	1966
CASH	\$ 1,207,983	\$ 1,750,779
ACCOUNTS RECEIVABLE:		
Patient care, less reserves of \$1,951,679 in 1967 and \$1,996,716 in 1966	9,948,603	7,788,802
Other	1,249,196	609,658
	11,197,799	8,398,460
INVENTORIES (at average cost), PREPAID EXPENSES AND DEFERRED CHARGES (Note 6)	4,817,615	1,594,008
INVESTMENTS:		
Marketable securities, at market (cost—\$38,089,026 in 1967 and \$34,080,684 in 1966) (Note 3)	50,171,554	41,907,049
Nonmarketable securities, at stated contributed value	—	5,005,866
Real estate and mortgages, at cost and including certain land at an appraised value of \$500,000	2,288,819	276,335
	52,460,373	47,189,250
PLANT AND PROPERTY (Note 1):		
Land, buildings and equipment	67,022,596	63,957,577
Less—Accumulated depreciation	24,330,783	23,195,264
	42,691,813	40,762,313
	<u>\$112,375,583</u>	<u>\$99,694,810</u>

LIABILITIES AND CAPITAL

LIABILITIES:		
Accounts payable	\$ 1,398,311	\$ 1,478,758
Accrued liabilities	843,836	833,664
Temporary funds for special purposes	573,475	483,279
Retainage on construction contract	401,217	719,167
	3,216,839	3,514,868
Long-term debt (Note 2)—		
5% mortgage payable	6,500,000	4,456,700
5½% mortgage payable	1,719,672	—
4% note payable	1,000,000	1,000,000
	9,219,672	5,456,700
Total liabilities	<u>12,436,511</u>	<u>8,971,568</u>
CAPITAL (Notes 3, 4, 5 and 7):		
General fund	13,429,927	6,638,421
Plant fund	28,270,924	28,214,704
Restricted funds (including unrealized appreciation of marketable securities of \$12,082,528 in 1967 and \$7,826,365 in 1966)	58,238,221	55,870,117
	99,939,072	90,723,242
	<u>\$112,375,583</u>	<u>\$99,694,810</u>

The accompanying notes to financial statements are an integral part of these balance sheets.

Statements of Income

For the Years Ended December 31, 1967 and 1966

	1967	1966
OPERATING INCOME:		
Care of patients (Note 4)	\$36,630,860	\$30,452,515
Other	1,942,513	1,831,341
Total	38,573,373	32,283,856
OPERATING EXPENSES:		
Nursing	14,791,360	12,416,278
Other professional services	8,769,110	7,587,981
Household and property operation	5,621,797	5,178,476
Nutrition	3,339,923	3,277,560
Provision for depreciation	1,338,158	1,287,277
Provision for employees' retirement plan (Note 6)	658,740	583,220
Administrative and general	5,441,766	4,650,122
Total	39,960,854	34,980,914
Operating loss	1,387,481	2,697,058
INCOME FROM INVESTMENTS AND CHARITABLE TRUSTS		
	1,362,938	1,425,348
Deficit for the year before current contributions	24,543	1,271,710
CURRENT CONTRIBUTIONS:		
Amounts designated for special purposes and for psychiatric divisions	724,256	808,999
Distributions from the United Hospital Fund and The Greater New York Fund	355,048	250,877
Memberships, gifts and contributions	425,265	—
Appropriation from the Fund for Medical Progress (Note 5)	—	1,006,721
Total	1,504,569	2,066,597
Less—Amounts designated for special purposes	643,206	707,675
Net current contributions	861,363	1,358,922
Net income for the year transferred to capital (Note 4)	\$ 836,820	\$ 87,212

The accompanying notes to financial statements are an integral part of these statements.

Statements of Changes in Capital

For the Years Ended December 31, 1967 and 1966

	1967	1966
BALANCE at beginning of year, as previously reported		\$79,126,920
ADD—Unrealized appreciation of marketable securities at January 1, 1966 (Note 3)		11,690,624
BALANCE at beginning of year, as restated	\$90,723,242	90,817,544
ADD (DEDUCT) :		
Net income for the year	836,820	87,212
Unrealized appreciation (depreciation) of marketable securities (Note 3)	4,256,163	(3,864,259)
Realized gain on sales of securities—net	641,933	790,478
Income earned on investments of restricted funds	800,579	565,555
Legacies and capital gifts—		
Fund for Medical Progress (Note 5)	1,758,263	3,200,501
Other funds	474,971	471,294
Write-up of certain land to appraised value	491,723	—
Charges to Fund for Medical Progress (Note 5)—		
Appropriation to General Fund	—	(1,006,721)
Payment to Cornell University Medical College of allocable joint gifts	—	(197,980)
Fund raising costs	—	(71,676)
Transfer to temporary funds for special purposes	(40,986)	(87,000)
Miscellaneous—net	(3,636)	18,294
BALANCE at end of year (Notes 4, 5 and 7)	\$99,939,072	\$90,723,242

The accompanying notes to financial statements are an integral part of these statements.

ARTHUR ANDERSEN & Co.

80 PINE STREET

NEW YORK, N. Y.

April 3, 1968

To the Board of Governors,

The Society of the New York Hospital:

We have examined the balance sheets of The Society of the New York Hospital (a charitable corporation organized in New York in 1771) as of December 31, 1967 and 1966, and the related statements of income and changes in capital for the years then ended. Our examinations were made in accordance with generally accepted auditing standards, and accordingly included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

In our opinion, the accompanying balance sheets and statements of income and changes in capital present fairly the assets, liabilities and capital of The Society of the New York Hospital as of December 31, 1967 and 1966, and the results of its operations for the years then ended, in conformity with generally accepted accounting principles applied on a consistent basis during the periods after restatement of the year 1966 to record investments at market values as described in Note 3 to the financial statements.

Arthur Andersen & Co.

Notes to Financial Statements

December 31, 1967 and 1966

- (1) The plant and property accounts of the Society at December 31, 1967, are set forth below (Payne Whitney Psychiatric Division plant and property represents a Restricted Plant Fund):

	Gross Amount	Accumulated Depreciation	Net Amount
BUILDINGS:			
New York Division, at cost (Note 2)	\$29,330,146	\$ 6,551,124	\$22,779,022
Payne Whitney Psychiatric Division, at cost	1,821,205	804,163	1,017,042
Westchester Division, at values as appraised by the Society at December 31, 1949, plus subsequent additions at cost	5,637,762	3,970,608	1,667,154
	<u>36,789,113</u>	<u>11,325,895</u>	<u>25,463,218</u>
BUILDING FIXTURES AND EQUIPMENT, AT COST:			
New York Division	20,839,227	10,677,044	10,162,183
Payne Whitney Psychiatric Division	1,095,694	875,442	220,252
Westchester Division	3,274,804	1,452,402	1,822,402
	<u>25,209,725</u>	<u>13,004,888</u>	<u>12,204,837</u>
LAND, AT ASSESSED VALUES AT DECEMBER 31, 1943, PLUS SUBSEQUENT ADDITIONS AT COST:			
New York Division (Note 2)	3,811,506	—	3,811,506
Payne Whitney Psychiatric Division	190,350	—	190,350
Westchester Division	1,021,901	—	1,021,901
	<u>5,023,757</u>	<u>—</u>	<u>5,023,757</u>
MEDICAL SCHOOL BUILDINGS, AT NOMINAL VALUE	1	—	1
	<u>\$67,022,596</u>	<u>\$24,330,783</u>	<u>\$42,691,813</u>

- (2) The 5% mortgage of \$6,500,000 is secured by the land and building of Laurence G. Payson House. Under the agreement the loan is payable in equal quarterly installments beginning November 1, 1967.
The 5½% mortgage of \$1,719,672 is secured by the Staff Residence House. Under the agreement the loan is payable in monthly installments through November 1, 1991.
The unsecured 4% note is payable in monthly installments over 20 years beginning December 1, 1968.
- (3) Effective January 1, 1967, the Board of Governors authorized a change in accounting to record the Society's investments at the current quoted market values. Accordingly, the accompanying financial statements have been restated as of January 1, 1966 to record the unrealized appreciation over cost of marketable securities as of that date of \$11,690,624. This change in accounting resulted in a decrease to capital of \$3,864,259 in 1966 and an increase in capital of \$4,256,163 in 1967.
- (4) The Society received retroactive adjustments to patient care income from Medicare and the Associated Hospital Service plans of New York and New Jersey totaling \$704,731 in 1967 and \$160,511 in 1966 covering insured patients admitted during the calendar years 1966 and 1965, respectively. Approximately \$378,000 in retroactive adjustments from such parties may be received in 1968 for patients admitted in 1967, which amount has not been reflected in the accompanying financial statements.
- (5) The Fund for Medical Progress was a joint fund raising campaign with Cornell University Medical College for capital and endowment needs of the New York Hospital-Cornell Medical Center. From inception of the campaign in 1961 through its termination as of December 31, 1966, the Board of Governors authorized that unrestricted contributions, legacies, and memberships received by the Society be added to the Fund for Medical Progress, and the Board appropriated amounts each year to compensate the General Fund for current gifts it might have received if the campaign were not in progress. During the year 1966 the Board of Governors appropriated from the Fund for Medical Progress the membership dues and gifts from new donors in the amounts of \$470,076 plus \$536,645 of the income earned on invested funds.
After aggregate appropriations to the General Fund of \$3,989,252 and payments to Cornell of allocable joint gifts received by the Society of \$745,137, the balance of the Fund for Medical Progress, including net earnings thereon of \$1,625,039, was \$28,115,795 as of December 31, 1966 (exclusive of amounts recorded by Cornell). In 1967, this balance plus additional designated gifts to such Fund of \$1,758,263 have been allocated to restricted and plant fund capital, of which approximately \$16,800,000 is available for future operating plant additions and expansion. In addition, the Board of Governors has authorized that the income earned by the investment of such funds also be used solely for capital improvements.
At December 31, 1967, unpaid pledges to the Fund for Medical Progress (exclusive of direct pledges to Cornell) were approximately \$4,047,000. Such pledges have not been recorded in the accompanying financial statements.
- (6) The Society has a trustee, noncontributory retirement income plan for all employees which entitles them to receive retirement benefits at age 65 (62 under an early retirement option) after 15 years of creditable service. The value of the retirement plan assets at December 31, 1967, exceeds the actuarially computed value of vested benefits for all employees who have fulfilled the retirement requirements but have not yet retired.
The Society's general policy is to fund pension costs accrued based on actuarial determinations, which amounted to \$658,740 in 1967 and \$583,220 in 1966, as reflected in the accompanying statements of income. In addition, at December 31, 1967, the Society transferred to the Employees' Retirement Plan Trust securities with a market value of \$3,151,766, of which \$3,023,330 is included in deferred charges in the accompanying balance sheet as of December 31, 1967, and will be amortized to pension expense in succeeding years.
- (7) The Society is the beneficiary of bequests and gifts under various wills and trusts, etc., the realizable amounts of which are not presently determinable.

Highlights of the Year's Statistics

Patient Care

	1967
Patients Admitted	
Main Hospital	25,641
Newborn	3,872
Payne Whitney Psychiatric Clinic	316
The New York Hospital— Westchester Division	379
Grand Total	<u>30,208</u>
Patient Days, All Divisions, Including Newborn	449,666
Visits to Out-Patient Clinics	230,518
Visits to Emergency Pavilion	30,659

Services to Patients

	1967
Laboratory Examinations	
Bacteriology	129,548
Basal Metabolism	1,443
Blood Bank	96,911
Chemistry	398,763
Clinical Pathology	406,368
Cytology	35,598
Parasitology	7,037
Serology	29,505
Pediatric Endocrinology	1,457
Pediatric Hematology	25,954
Pediatric Ultra Micro-Chemistry	13,312
Radioisotope Services	4,360
Surgical Pathology	14,348
Miscellaneous	6,953
X-Ray Examinations	137,517
X-Ray Treatments	1,695
Operations	17,214
Deliveries	3,651
Electrocardiograms	32,418
Electroencephalograms	1,739
Social Service Interviews	63,227
Physical Therapy Treatments	17,400
Transfusions	12,796
Pharmacy Prescriptions	212,774
Record Room:	
New Case Records	35,979
Occupational Therapy Treatments:	
Main Hospital	3,768
Recreational Therapy-Pediatrics	47,639

Distribution of Beds

	December 31, 1967	
	No. of Beds	
Private		
Main Hospital	116	
Obstetrics and Gynecology	26	
Pediatrics	5	147
Bassinets		<u>16</u>
Total Private		163
Semi-Private		
Two-Bed Baker	63	
Medical and Surgical	170	
Urology	25	
Obstetrics and Gynecology	47	
Pediatrics	19	324
Bassinets		<u>13</u>
Total Semi-Private		337
Pavilion (Ward)		
Medicine	145	
Surgery	123	
Urology	26	
Accident and Emergency	8	
Obstetrics and Gynecology	90	
Pediatrics	93	485
Bassinets		<u>48</u>
Total Pavilion (Ward)		533
Payne Whitney Clinic		<u>108</u>
Total New York City		1,141
The New York Hospital— Westchester Division		<u>350</u>
		<u>1,491</u>

Training Program

	1967
House Staff	227
Nursing Students affiliated:	
Undergraduate Students	256
Practical Nurse Students	41
X-Ray Technician Students	32
Dental Hygienist Students	10
Dietetic Interns	17
Physical Therapist Students	21
Medical Social Work Students	4
Total	<u>608</u>
Payne Whitney Psychiatric Clinic	
House Staff	23
Westchester Division	
House Staff	17
Nursing Students	
Affiliated Undergraduates	<u>205</u>
Grand Total	<u>853</u>

IN GRATEFUL RECOGNITION

HERE ARE RECORDED THOSE WHO HAVE
GIVEN GENEROUSLY THROUGH THE YEARS

ELIZABETH De MILT 1850	SALLIE LATHROP NICHOLS 1911 1912	MRS HENRY C FRICK
SALLIE LATHROP NICHOLS 1853	A. FRIEND 1914	PAYNE WHITNEY
SALLIE LATHROP NICHOLS 1852	IN MEMORY OF WILSON M ROWELL 1921	ELLA A ROGERS
ALEXANDER STUART 1852 1864	PAYNE WHITNEY 1921	HENRY RICHMOND TAYLOR
SAMUEL WILLEYS 1852 1860	CHARLES E RHINELANDER 1921 1922	MARY G THOMPSON
JOHN DAVID WOLFE 1852 1864	ELIZABETH MILBANK ANDERSON 1923	MRS HENRY C FRICK
JOHN C GREEN 1852 1864	A FRIEND 1923	JAMES N HILL
PETER LORILLARD 1852 1864	PAYNE WHITNEY 1923	ANNA WOERISHOFFER
WILLIAM C RHINELANDER 1852 1878	GEORGE F BAKER 1923	MARY C WALKER
TENNY J SANFORD 1855	HENRY RICHMOND TAYLOR 1922 1924	MARY G THOMPSON
RUBEN H NEVINS 1855	JOHN AUGUSTUS ROGERS 1922 1924	JAMES N HILL
JAMES ARDEN IVERS 1859 1868	MARY A FITZ CERALD 1922 1924	PAYNE WHITNEY
SETH GROSVENOR 1859	ANNA WOERISHOFFER 1920 1924	JOHN PIERPONT MORGAN
ROBERT RAY 1862	PAYNE WHITNEY 1923	GEORGE F BAKER
GEORGE T TRIMBLE 1864 1866	EMILY F SOUTHMAYD 1923 1928	GEORGE F BAKER JR
MADAME JUNIET 1867	JOHN H FLAGLER 1923 1929	GEORGE F BAKER JR 1926 1934
SILAS BRONSON 1869	A FRIEND 1923	PAYNE WHITNEY
JOHN ALSTYNE 1871	EDWARD W SHELDON 1918 1924	CORNELIUS N BLISS 1924
SARAH AND ELIZABETH WOOLEY 1872 1884	A FRIEND 1924	MARY G THOMPSON
JOSEPH BATHILL 1875	PAYNE WHITNEY 1924	MRS JOHN A STEWART
SARAH H GREEN CARL S GREEN CHARLES E 1875	EDWIN GOULD 1924 1925	WILLIAM CRAWFORD 1927
GREEN AND JOHN T NICHOLSON RESIDUARY LEGATES 1878 1880	WALTER JENNINGS 1927 1925	MARY C WALKER 1927
OF THE ESTATE OF JOHN C GREEN 1878 1880	ANONYMOUS 1925	JAMES N HILL 1927
ANNA HOBBS 1882	HENRY RICHMOND TAYLOR 1925	PAYNE WHITNEY 1927
CAROLINE GOLF 1882	PAYNE WHITNEY 1925	PAYNE WHITNEY FUND
SEAFON ABRAHAMIS 1882	MARY C THOMPSON 1925	LEWIS CASS LEONARD EDWARD W SHELDON 1927
MARGARET BURR 1884	KATE S RICHARDSON 1925 1929	LEWIS CASS LEONARD JR THOMPSON 1927
MARY BURR 1884	JAMES N HILL 1925	GUSTAVUS L LAWRENCE 1927
WILLIAM H MACY 1885	PAYNE WHITNEY 1926	WILLIAM CRAWFORD 1927
ELIZABETH FOGG 1892	EDMUND PENFOLD 1926	FRANCES A BERRY 1927
JULIA POST BROWN 1895 1896	MARY DOUGLASS GRAHAM 1926	CHARLES C WRIGHT 1927
CHARLES BATHGATE BECK 1897 1912	ADELAIDE M DAVIS 1926	MARY G THOMPSON 1927
	HENRY RICHMOND TAYLOR 1926	JAMES D FREEMAN 1927
	MARY G THOMPSON 1926	CHARLES C WRIGHT 1927 1936 1951

CAROLINE B CAMPBELL 1900 1901
MARIAL CAMPBELL 1900 1907
HENRY DEXTER 1901
ELLEN JOSEPHINE BAKER 1904
GEORGE W WILSON 1904
HENRY J BUNNEY 1906
GEORGE C TAYLOR 1908
BETSY HEAD 1908
MARGARET J P GRAVES 1910
JOHN T WOODWARD 1910
THOMAS NEWBOLD LANE 1911
ROBERT FORD 1911
GEORGE F BAKER 1912
FRANK J RANSOM 1915
PAYNE WHITNEY 1916
PAYNE WHITNEY 1917
PAYNE WHITNEY 1918
EDWARD H FORD 1918
JOHN BETHUNAH BRAZIER 1918 1923
FRANK K STUBBS 1919
FRANK K STUBBS 1920
CAROL BETHUNAH 1920
EDWARD J HANCOCK 1920
WILLIAM TURNBULL THE 1920
AMSTERDAM CUTTING FUND 1920
AGUSTUS D JILLIARD 1920
ALBERT G THOMPSON 1920
JOHN BAYLIS BOHME 1920 1921
ALICE HENRY C FRICK

MARY G THOMPSON 1911
PAYNE WHITNEY 1912
EDWARD N HILL 1913
LUZIE T BLISS 1913
WILLIAM CRAWFORD 1914
MARY G THOMPSON 1915
EDWARD G KENNEDY 1915
MARY G THOMPSON 1915
BARBARA W JENNEY 1915
GEORGE B BROWN 1915
OTIS M BROWN 1915
FREDERICK DENNISON 1915
HILLEN DE GARREYSON 1915
JOHN HAY WHITNEY 1915
EDWARD W SHELDON 1915
CHARLES C THOMPSON 1915
ELIZABETH THOM 1915
ANNA B. CRENSHAW 1915
ST. ELIZABETH 1915
ENDOWMENT FUND 1915
FABEL M TOWAR 1915
LEWIS CASS LEONARD JR 1915
R. B. ECKER R. ADAMS 1915
MARY T SHELDON 1915
WILLIAM WOODWARD 1915
KATHERINE GRACE SKYLER 1915



The Society of the New York Hospital pays tribute to the many selfless, dedicated individuals who in past decades enabled the Hospital to come into being and to carry forward its mission to humanity,

and to those who in the present give of their resources so that its proud record of service may continue. Their contributions, large and small, are the life-blood of the Hospital.

Donors

TO THE SOCIETY OF THE NEW YORK HOSPITAL / 1850-1967

Of sums not less than ten thousand dollars

Simeon Abrahams
In memory of
Major General Julius Ochs Adler
Douglas H. Alexander
Helen D. Alexander
Vivian B. Allen Foundation
For Nursing Scholarships
John Alstyne
Noah W. Amdur
Elizabeth Milbank Anderson
Philip D. Armour
Harriette M. Arnold
Mrs. Max Ascoli
Association for
the Aid of Crippled Children
John J. Astor
Vincent Astor
Lemuel Ayers Cancer Research Fund
Robert Bacon
In memory of Harold S. Baird
George F. Baker
George F. Baker, Jr.
The George F. Baker Charity Trust
Mr. and Mrs. Edward L. Ballard
Matilda C. Bamherger
Ellen Josephine Banker
Henry G. Barbey
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The Barker Welfare Foundation
The Mary W. Barr Memorial Fund
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Howard Bayne
Jeremiah Beall
Charles Bathgate Beck
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Gerard Beekman
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George T. Bowdoin
James Buchanan Brady
Wm. Gage Brady, Jr.
Amelia Breckenridge
Silas Bronson
The Walter Brooks Foundation
George B. Brown
Julia Post Brown
In memory of
Dorothy Seay Brumbaugh
William A. M. Burden
Margaret Burr
Mary Burr
Alfred Busiel
Catherine B. Campbell
Maria L. Campbell
Mrs. W. Gibson Carey, Jr.
Robert W. and Adele Skiddy Carle
Louis N. Cassett Foundation
Morton H. Chadwick
In memory of Anna Chadwick
Gilbert W. Chapman
The Children's Blood Foundation, Inc.

The Children's Welfare Fund
Joseph H. Choate, Jr.
F. Ambrose Clark
Stephen C. Clark
William Clark
In grateful recognition
Robert Livingston Clarkson
Augustus G. Cobb
Mr. and Mrs. George Vernon Coe
The Cofer Foundation
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Edward F. Cole
Mr. and Mrs. James J. Colt
Committee for Scholarships
Cornell University-New York Hospital
School of Nursing
The Commonwealth Fund
Emma Elizabeth Conner
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William Crawford
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Mrs. C. Blevins Davis
Mr. and Mrs. Arthur Dean
Baroness De Hirsch
Elizabeth DeMilt
Pauline Dennerlein
Henry Dexter
The Dextran Corporation Fund
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The Doris Duke Foundation
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Alice W. Emmet
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Mary A. FitzGerald
John H. Flagler
Max C. Fleischmann
Foundation of Nevada
Edward H. Floyd-Jones

DONORS TO THE SOCIETY OF THE NEW YORK HOSPITAL / 1850-1967

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James D. Freeman
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In memory of Marie Stokes Gilbert
Caroline Goff
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Mrs. A. Conger Goodyear
The Zaidee Bliss Goodyear Fund
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The Grant Foundation, Inc.
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Charles E. Green, John T. Nixon
Residuary Legatees of
the Estate of John C. Green
Stanton Griffis and
Theodora Griffis LaTouche
Mrs. William E. S. Griswold
Seth Grosvenor
Emily Morris Hadley
Hamilton Hadley
The Hamilton Hadley Fund
Given by The Rubicon Foundation
and Others
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and William Turnbull
The Marion Cutting Fund
In memory of Grace E. Harding
and Lillian E. Harding
Mrs. Edward S. Harkness
Duncan G. Harris
Betsy Head
George A. Heintzemann
Barklie and Margaret Henry
Edward N. Hill
James N. Hill
Mrs. James Norman Hill
Mrs. Nathaniel P. Hill
Mrs. Thomas Hitchcock

Maria Hobby
Harold K. Hochschild
Edwin J. Hoffritz
August Horrmann Foundation
The Huber Foundation
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The Samuel Z. Levine Foundation
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Mr. and Mrs. Edward H. Little
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Alfred L. Loomis
Peter Lorillard
Joseph F. Loubat
In memory of Anna D. MacDougall
William H. Macy
Ellen and Frank J. Manheim
Hiram Edward Manville Foundation
Lillian A. Margolyes League, Inc.
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In grateful recognition
Jeremiah Milbank
In memory of
Florence Kilpatrick Mixer
John Pierpont Morgan
John Pierpont Morgan, Jr.
The William T. Morris
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Amelia F. Morse
Muscular Dystrophy Assn.
of America, Inc.
The National Nephrosis
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Crippled Children and Adults, Inc.
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Sallie Lathrop Nichols
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In memory of
Benjamin J. Oppenheim
Arthur E. Orvis
Ethel L. Paddock
Mr. and Mrs. Robert J. Paisley
The Ruth Papier Nephrosis
Foundation of New Jersey
Major General and
Mrs. Cortlandt Parker
Mrs. Charles S. Payson
Mrs. Laurence G. Payson
The Barbara Whitney Peck
Endocrine Fund
Mrs. Samuel A. Peck
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George W. Perkins
Alphonso P. Pettis
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Ogden Phipps
The Eugene H. Pool Memorial
In memory of Wilson M. Powell
Elizabeth Woodward Pratt
Henry N. Pratt, M.D.
Herbert L. Pratt

Mrs. Florence E. Pye
 Mrs. Harr F. Ranney
 Frank J. Ransom
 R. Bleecker Rathbone
 Robert Ray
 Daniel G. Reid
 Charles E. Rhinelanders
 William C. Rhinelanders
 Kate S. Richardson
 Grace M. Roberts
 The Rockefeller Foundation
 John D. Rockefeller, Jr.
 Nelson A. Rockefeller
 Mr. and Mrs. Richard Rodgers
 Ella A. Rogers
 John Augustus Rogers
 Elihu Root, Jr.
 The Roser Foundation
 In memory of
 Henry and Clara Roser
 Helena Rubinstein
 Thomas F. Ryan
 Russell Sage Foundation
 St. Elizabeth Endowment Fund
 Joseph Sampson
 Henry J. Sanford
 In grateful recognition
 Lew Sarnoff
 The Mona Bronfman
 Scheckman Foundation, Inc.
 Nicholas M. Schenck
 Mary Ann Schiebel
 In memory of William J. Casey
 In memory of
 Mortimer and Adel Schiff
 School Children's
 Welfare League, Inc.
 Mrs. Stanley J. Seeger
 Edward W. Sheldon
 Mary T. Sheldon
 Mrs. Zalmon G. Simmons
 H. Nelson Slater
 Mrs. Frank R. Smith
 Gertrude Robinson Smith
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 and Consuelo Kennedy Rich Fund

Katherine Grace Snyder
 Emily F. Southmayd
 Charles Steele
 Mrs. John A. Stewart
 In grateful recognition
 Chauncey Stillman
 Irwin Strasburger
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 Catharine B. Sturgis
 Frank K. Sturgis
 Henry S. Sturgis
 Sylvan League, Inc.
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 Mrs. Josiah Titzell
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 William K. Vanderbilt
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 William H. Vander Poel
 Dr. and Mrs.
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 Eduard Vis
 Mrs. Frank S. Voss
 Mary C. Walker
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 The Albert and Bessie Warner Fund
 Harold Weill
 Mrs. Francis M. Weld
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 Caroline White
 The Whitehall Foundation, Inc.

Cornelius Vanderbilt Whitney
 John Hay Whitney
 Mr. and Mrs. John Hay Whitney
 Helen Hay Whitney Charitable Trust
Trustees: Mrs. Charles S. Payson,
 John Hay Whitney
 Payne Whitney
Trustees under Will
of Payne Whitney:
 Lewis Cass Ledyard,
 Lewis Cass Ledyard, Jr.
 and Edward W. Sheldon
Trustees under Will
of Gertrude V. Whitney:
 Mrs. Flora W. Miller
 Mrs. Samuel A. Peck
 and C. V. Whitney
 Mrs. Payne Whitney
 H. Sylvia A. H. G. Wilks
 Samuel Willets
 Langbourne M. Williams
 In grateful memory of
 Pearson E. Neaman
 In honor of Dr. Robert F. Watson
 Dwight Deere Wiman
 Albert H. and Jessie D.
 Wiggin Foundation
 Mrs. Robert Winthrop
 Anna Woerishoffer
 John David Wolfe
 The Edna Lowenstein Wolff Fund
 In memory of Abram L. Lowenstein
 In memory of William J. Wollman
 In memory of Joan D. Woodbridge
 Mother of Melissa, 1961
 In memory of Melissa Woodbridge
 Woodward Fund
 James T. Woodward
 William Woodward
 In grateful recognition,
 Mrs. William Woodward
 Mrs. William Woodward, Jr.
 In memory of Ethel Smiley Crowell
 Sarah and Elizabeth Wooley
 Charles C. Wright
 The Bessie Wright Memorial Fund
 Christian A. Zabriskie

Legacies

TO THE SOCIETY OF THE NEW YORK HOSPITAL / 1967

Estate of Katherine H. Birchall
 Estate of Zaidee B. Goodyear
 Estate of John T. Gossett
 Estate of Fay H. Heinsheimer
 Estate of Ena W. Hewitt

Estate of Mary H. Macy
 Estate of Amelia Margraf
 Estate of Elihu Root, Jr.
 Estate of Martin Saxe
 Estate of Christopher Story

Estate of Philip G. Woodward
 Trust u/w Percy S. Vermilya for
 Florence G. Vermilya, Deceased

Endowed Beds

OF THE SOCIETY OF THE NEW YORK HOSPITAL / 1886-1967

- | | | | |
|------|---|------|--|
| 1886 | Robert Livingston Gerry | 1920 | Adelaide Foltz Chapman
In memory of her father, William Stewart Foltz |
| 1901 | Anna Peabody Wainwright
In memory of John Tillotson Wainwright | 1922 | Ellen C. Harris
In memory of George W. Harris |
| 1902 | Margaret J. Plant
In memory of her brother, Simon Loughman | 1922 | Adelina M. Cramer
In memory of her brother, J. William Husemeyer |
| 1903 | Nathaniel Whitman | 1922 | Augusta I. Scott |
| 1904 | Howard Willets
In memory of his son, Jack Willets | 1922 | Mary A. FitzGerald |
| 1904 | Harriette M. Arnold, St. George Bed, Hicks Arnold | 1922 | Minetta C. Howenstine, The Howenstine Beds |
| 1905 | Maria L. Campbell
In memory of Duncan Pearsall Campbell
Governor, 1818-1827 | 1923 | Marion Cutting |
| 1906 | Mr. and Mrs. Henry F. Shoemaker
In memory of their son, William Brock Shoemaker | 1923 | Mary A. FitzGerald |
| 1907 | Catherine L. R. Catlin
In memory of her brother, N. W. Stuyvesant Catlin | 1924 | Lena Cadwalader Evans
In memory of her grandfather, Israel Corse,
a former governor of this Hospital,
and his daughter, Lena Burr Corse Evans |
| 1908 | Kate Fearing Welman
In memory of her father, Charles Edward Strong | 1924 | William G. DeWitt
In memory of his brother, Theodore DeWitt |
| 1909 | Fanny A. Haven
In memory of her husband, George Griswold Haven | 1925 | William P. Wainwright
In memory of his father, William P. Wainwright |
| 1909 | Joel S. Mason
In memory of his parents,
Joel Whitney Mason and Mary Elizabeth Mason | 1925 | William P. Wainwright
In memory of his mother, Cornelia R. Wainwright |
| 1909 | Elizabeth M. Bliss | 1925 | Mr. and Mrs. Gilbert Edward Jones
In loving and thankful memory
of Elizabeth Ingersoll Haven |
| 1910 | Elizabeth Fisher King
In memory of her husband, Edward King,
who died in 1908 | 1926 | Kate Bainbridge Murray
In memory of her brother, Thomas E. Deeley |
| 1912 | Ella R. DeWitt
In memory of her husband, George Gosman DeWitt | 1927 | Theresa R. Irving
In memory of her parents, John Brodhead Beck, M.D.
and Anne Sands Tucker Beck |
| 1912 | Catherine E. Daly | 1927 | Theresa R. Irving
In memory of her husband, Cortlandt Irving,
her brother, Fanning Cobham Tucker Beck,
and her sister, Annie M. Tucker Beck |
| 1913 | Harrison E. Gawtry
In memory of his wife, Louise Brown Gawtry | 1927 | Emily Stewart Waller
In memory of her father, John Aikman Stewart |
| 1914 | Frank Hartley | 1927 | Charles H. Wainwright
In memory of his brother, William P. Wainwright |
| 1915 | Annie L. Morris
In memory of her husband, Fordham Morris,
who died in 1909 | 1927 | Alfonso DeNavarro |
| 1916 | Benjamin Robert Winthrop
In memory of his father, Benjamin Robert Winthrop | 1928 | Mr. and Mrs. Howland Pell
In memory of their son, Howland Gallatin Pell |
| 1919 | Webb Institute of Naval Architecture | | |

- | | | | |
|------|---|------|--|
| 1928 | Almy Gallatin Pell
In memory of her father and mother,
Frederic and Almy G. Gallatin | 1945 | Julia Noyes deForest
In memory of her sons, Henry W. deForest
and Charles Noyes deForest |
| 1928 | Mr. and Mrs. Edward Lathrop Ballard | 1947 | Mrs. Leland Eggleston Cofer
In loving memory of Lucy Chauncey |
| 1928 | Mrs. Henry James
In memory of her cousin, McEvers Bayard Brown | 1948 | Martha B. and William Fraser |
| 1929 | Arthur H. Herschel
In memory of his mother, Grace Darling Herschel | 1948 | Rosetta F. Sachs
In memory of Max Kaskel |
| 1929 | Peter F. Meyer and Lizzie O. Meyer | 1949 | William Kirk Memorial Bed |
| 1930 | Mary L. Walker Peters,
The Charles Grenville Peters Bed | 1949 | Macy Mutual Aid Association |
| 1933 | William James Boucher
In memory of his father and mother,
John and Lydia Lawrence Boucher | 1949 | Louise M. Griffin
In memory of her mother
Pauline Pryibil Hoffmann |
| 1934 | Jean Brown Jennings
In memory of her husband, Walter Jennings | 1950 | The Edward L. Cussler Memorial Bed |
| 1934 | Oliver Burr Jennings, Jeanette Jennings Taylor,
Constance Jennings Ely
In memory of their father, Walter Jennings | 1950 | G. Beekman Hoppin Memorial Bed |
| 1934 | Mary Isabella Meek | 1951 | The Dillon Fund |
| 1936 | Mrs. Thomas Williams, Thomas R. Williams,
Mrs. Doreas W. Ferris, Mrs. Edith S. Blydenburg,
In memory of Thomas Williams | 1953 | Max Rice |
| 1939 | Katherine Grace Snyder | 1954 | John Jay, 1875-1928, Memorial Bed |
| 1939 | Arthur H. Herschel
In memory of his wife, Sarah Frances Herschel | 1955 | The Marc Eidlitz Bed |
| 1939 | Veronica Brown Brophy
In memory of her father, George B. Brown,
a builder of this Hospital | 1955 | Col. John C. C. Thornton Family |
| 1939 | Edith Haggin DeLong
In loving memory of her son,
James Ben Ali Haggin Lounsbery | 1956 | Mary E. Cuming, in loving memory
of father, mother, brothers and sisters |
| 1940 | Edith Lounsbery Worden
In loving memory of her mother,
Edith Haggin DeLong | 1956 | Dessie Greer |
| 1940 | John A. Stewart | 1956 | Eugenie M. L. Garchery |
| 1940 | Mary T. Sheldon | 1956 | The Pleasant Valley Mills Bed, II |
| 1941 | Patients and friends
In memory of William R. Williams, M.D.,
Attending Physician, 1912-1932 | 1957 | Mathilde S. Sterne
In memory of Simon Sterne |
| 1942 | Ballard Memorial Bed | 1957 | Marie Stewart
In memory of Virginia Stewart |
| 1943 | The Pleasant Valley Mills Bed | 1958 | Marjorie Hard |
| 1943 | Josiah Locke Webster | 1958 | In memory of Henry Nathan, 1852-1922
Dedicated by his son, Garfield Arthur Nathan |
| 1943 | Robert Winthrop | 1958 | In memory of Tillie Burgauer Nathan, 1862-1933
Dedicated by her son, Garfield Arthur Nathan |
| 1944 | Anonymous, The Cayuga Bed | 1958 | The Katherine Grace Snyder Bed |
| 1944 | Howard Gould and Margaret M. Gould | 1959 | In loving memory of Ivan Henning Wichfeld |
| 1945 | Augusta dePeyster
In memory of her sister, Frances dePeyster | 1961 | Alice McIntire Fay Memorial Bed |
| 1945 | Julia Noyes deForest
In memory of her husband, Henry W. deForest | 1963 | Mr. and Mrs. Edgar Seldon Bloom
In memory of Mrs. Bloom's parents,
James Boyle Wallace and
Fannie McKeon Wallace |
| | | 1963 | Cedric Aylwin Major |
| | | 1965 | Henry Lewis Phillips and
Gertrude Abbot Phillips Fund |
| | | 1966 | The Estate of Cornelius Von E. Mitchell
In loving memory of Henry Spingler
In loving memory of Mary S. Van Beuren
In loving memory of Mary E. D. Mitchell
In loving memory of John W. A. Davis |

Professional Staff

The following doctors served during all or part of the year 1967:

Consultants

Fred H. Allen, Jr., M.D.
Pediatrics

Arthur F. Anderson, M.D.
Pediatrics

Horace S. Baldwin, M.D.
Medicine

Irvin Balensweig, M.D.
Orthopedics

David P. Barr, M.D.
Medicine

Anthony C. Cipollaro, M.D.
Medicine

Edward H. Dennen, M.D.
Obs. & Gyn.

Oskar Diethelm, M.D.
Psychiatry

R. Gordon Douglas, M.D.
Obs. & Gyn.

Robert O. Du Bois, M.D.
Pediatrics

Charles E. Farr, M.D.
Surgery

Claude E. Forkner, M.D.
Medicine

Frank Glenn, M.D.
Surgery

Connie M. Guion, M.D.
Medicine

James A. Harrar, M.D.
Obs. & Gyn.

*Helen Harrington, M.D.
Pediatrics

Frederick C. Hunt
Pediatrics

Hedwig Koenig, M.D.
Pediatrics

Samuel Z. Levine, M.D.
Pediatrics

William F. MacFee, M.D.
Surgery

Frank J. McGowan, M.D.
Surgery

Allister M. McLellan, M.D.
Urology

Ade T. Milhorat, M.D.
Medicine

Joseph N. Nathanson, M.D.
Obs. & Gyn.

Eugene L. Opie, M.D.
Pathology

Charles H. O'Regan, M.D.
Pediatrics

Russel H. Patterson, M.D.
Surgery

Paul Reznikoff, M.D.
Medicine

Wilson G. Smillie, M.D.
Public Health

Carl H. Smith, M.D.
Pediatrics

Frank R. Smith, M.D.
Obs. & Gyn.

Alexander R. Stevens, M.D.
Urology

Fred W. Stewart, M.D.
Pathology

Harold J. Stewart, M.D.
Medicine

Philip M. Stimson, M.D.
Pediatrics

Edward Tolstoi, M.D.
Medicine

Lewis C. Wagner, M.D.
Orthopedics

Bruce P. Webster, M.D.
Medicine

Charles A. Weymuller, M.D.
Pediatrics

Louis E. Weymuller, M.D.
Pediatrics

Marjorie A. Wheatley, M.D.
Pediatrics

May G. Wilson, M.D.
Pediatrics

Philip D. Wilson, M.D.
Orthopedics

Irving S. Wright, M.D.
Medicine

*Deceased: 5/19/67

Anesthesiology

ANESTHESIOLOGIST-IN-CHIEF
Joseph F. Artusio, Jr., M.D.

ATTENDING ANESTHESIOLOGISTS
Benjamin E. Marbury, M.D.
Marjorie J. Topkins, M.D.

ASSOCIATE
ATTENDING ANESTHESIOLOGISTS
Charles L. Burstein, M.D.
Alan Van Poznak, M.D.

ASSISTANT
ATTENDING ANESTHESIOLOGISTS
Leslie L. Balazs, M.D.
Raymond G. Barile, M.D.
Dragan Borovac, M.D.
Herbert L. Erlanger, M.D.
John L. Fox, M.D.
Anita H. Goulet, M.D.
Ann Huston, M.D.
Gabriel G. Curtis, M.D.
Barnett J. Junker, M.D.
Aileen F. Kass, M.D.
George R. Monahan, M.D.
Jerold Schwartz, M.D.

David G. Susman, M.D.
Liebert S. Turner, M.D.
Judith Weingram, M.D.
Peter Wei-Ting Yu, M.D.

Graduate Staff

ANESTHESIOLOGISTS
George W. Allgair, Jr., M.D.
Janet E. Allgair, M.D.
Algeria D. Bahia, M.D.
Michel Costes, M.D.
Vincent A. DeRosa, M.D.
Aguilar A. Garcia, M.D.

Beinhard Zong-You Hou, M.D.
Parvin H. Javadi, M.D.
Mohammed H. Radmanesh, M.D.
Sirivan Ratanarat, M.D.
Yung Jai Sohn, M.D.

ASSISTANT ANESTHESIOLOGISTS
Michael J. Brooks, M.D.
Ching-Ming Chen, M.D.
Paul L. Goldiner, M.D.
Gregorio Javin, M.D.
Herta Maria L. Juttner, M.D.
Raul Norberto A. Limjuco, M.D.
Jack Schocoff, M.D.
Marlyn G. Sy, M.D.

Medicine

PHYSICIAN-IN-CHIEF

Alexander G. Bearn, M.D.

ATTENDING PHYSICIANS

Thomas P. Almy, M.D.
Frank E. Cormia, M.D.
John E. Deitrick, M.D.
Murray Dworetzky, M.D.
Aaron Feder, M.D.
Richard H. Freyberg, M.D.
Elliot Hochstein, M.D.
Edward W. Hook, Jr., M.D.
B. H. Kean, M.D.
Allyn B. Ley, M.D.
E. Hugh Luckey, M.D.
Walsh McDermott, M.D.
Carl Muschenheim, M.D.
Theodore W. Oppel, M.D.
George G. Reader, M.D.
Marvin H. Sleisenger, M.D.
J. James Smith, M.D.
David D. Thompson, M.D.
Douglas P. Torre, M.D.
Robert F. Watson, M.D.

ASSOCIATE

ATTENDING PHYSICIANS

George C. Armistead, Jr., M.D.
Sam C. Atkinson, Jr., M.D.
Jeremiah A. Barondess, M.D.
David V. Becker, M.D.
E. Lovell Becker, M.D.
J. Robert Buchanan, M.D.
Henry A. Carr, M.D.
Aaron D. Chaves, M.D.
William N. Christenson, M.D.
Eugene J. Cohen, M.D.
Betty S. Danes, M.D.
Farrington Daniels, Jr., M.D.
Paul F. de Gara, M.D.
John W. Dougherty, M.D.
William J. Eisenmenger, M.D.
Ralph L. Engle, M.D.
William T. Foley, M.D.
Constance Friess, M.D.
George W. Frimpter, M.D.
William Geller, M.D.
Sidney M. Greenberg, M.D.
Susan J. Hadley, M.D.
Lawrence E. Hinkle, Jr., M.D.
Lawrence B. Hobson, M.D.
Melvin Horwith, M.D.
Abraham S. Jacobson, M.D.
Graham H. Jeffries, M.D.
Kenneth G. Johnson, M.D.
William H. Kammerer, M.D.
George L. Kauer, Jr., M.D.
Donald Kaye, M.D.
Edwin D. Kilbourne, M.D.
Thomas Killip, III, M.D.
Frederic T. Kirkham, Jr., M.D.
Henry B. Kirkland, M.D.
Herbert Koteen, M.D.
Richard E. Lee, M.D.
Charles S. Lieber, M.D.
Robert M. Lintz, M.D.

Mack Lipkin, M.D.
Edward J. Lorenze, M.D.
Daniel S. Lukas, M.D.
A. Parks McCombs, M.D.
Ellen McDevitt, M.D.
*Robert H. Melchionna, M.D.
Mary Ann Payne, M.D.
Ralph E. Peterson, M.D.
R. A. Rees Pritchett, M.D.
William C. Robbins, M.D.
Thomas N. Roberts, M.D.
Bernard Rogoff, M.D.
David M. Roseman, M.D.
Sidney Rothbard, M.D.
Albert L. Rubin, M.D.
Paul D. Saville, M.B., B.S.
Lawrence Scherr, M.D.
Arthur W. Seligmann, M.D.
Paul Sherlock, M.D.
Richard T. Silver, M.D.
Norton Spritz, M.D.
Herman Steinberg, M.D.
Israel Steinberg, M.D.
Peter E. Stokes, M.D.
Richard W. Stone, M.D.
William D. Stubenbord, M.D.
Alphonse E. Timpanelli, M.D.
Byard Williams, M.D.

ASSISTANT

ATTENDING PHYSICIANS

Robert R. Abel, M.D.
Seymour Advocate, M.D.
Anthony A. Antoville, M.D.
Lucien I. Ardit, M.D.
Lloyd T. Barnes, M.D.
Bry Benjamin, M.D.
Carl A. Berntsen, M.D.
Robert T. Binford, Jr., M.D.
Norman Brachfeld, M.D.
John Lyman Brown, M.D.
Edward A. Burkhardt, M.D.
Donald J. Cameron, M.D.
Susan T. Carver, M.D.
Foen B. Chu, M.D.
Hugh E. Claremont, M.D.
Melva A. Clark, M.D.
George O. Clifford, M.D.
Denton S. Cox, M.D.
Jean A. Cramer, M.D.
Marion Davis, M.D.
Monroe T. Diamond, M.D.
Carolyn H. Diehl, M.D.
Joseph C. Dougherty, M.D.
Robert E. Eckardt, M.D.
Elizabeth A. Eilers, M.D.
Borje E. V. Ejrup, M.D.
Henry R. Erle, M.D.
M. Elaine Eyster, M.D.
Thomas J. Fahey, Jr., M.D.
John T. Flynn, M.D.
Eugene D. Furth, M.D.
Horace T. Gardner, M.D.
Martin Gardy, M.D.

*Deceased: 8/29/67

David L. Globus, M.D.
George W. Gorham, M.D.
Ernest J. Greenberg, M.D.
Keith O. Guthrie, Jr., M.D.
Peter C. Harpel, M.D.
Leonard L. Heimoff, M.D.
Richard A. Herrmann, M.D.
Raymond B. Hochman, M.D.
Milton Hollenberg, M.D.
Eugene L. Horger, M.D.
Herbert I. Horowitz, M.D.
Donald W. Hoskins, M.D.
Norman J. Isaacs, M.D.
J. Harry Katz, M.D.
LeMoine C. Kelly, M.D.
Richard H. Kessler, M.D.
John T. Kimball, Jr., M.D.
Edward M. Kline, M.D.
John S. LaDue, M.D.
Costas T. Lambrew, M.D.
Harold L. Leder, M.D.
Robert D. Leeper, M.D.
Marjorie G. Lewisohn, M.D.
Jerrold S. Lieberman, M.D.
Martin Lipkin, M.D.
Donald B. Louria, M.D.
Luther B. Lowe, Jr., M.D.
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Isadore Rosenfeld, M.D.
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Elliot Weser, M.D.
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PHYSICIANS TO OUTPATIENTS

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 Lawrence W. Widelite, M.D.
 James B. Wirth, M.D.

Neurology

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 Henry S. Dunning, M.D.

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 Jerome B. Posner, M.D.

Donald J. Reis, M.D.
 Donald J. Simons, M.D.

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 Henn Kutt, M.D.
 John E. Lee, M.D.
 Raul R. McHugh, M.D.
 Robert Mones, M.D.
 Hart De C. Peterson, M.D.

NEUROLOGIST TO OUTPATIENTS
 Walter A. Camp, M.D.

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 NEUROLOGISTS TO OUTPATIENTS
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 Jesus F. Poblete, M.D.

Graduate Staff

NEUROLOGISTS
 Harold W. Brown, M.D.
 J. Donald Easton, M.D.
 Irving Fish, M.D.
 William E. Wallis, M.D.

Claude G. Wasterlain, M.D.

ASSISTANT NEUROLOGISTS
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 Robert W. Brennan, M.D.
 Richard R. Carruthers, M.D.
 Edward S. Emery, M.D.
 Robert J. Mignone, M.D.
 Marcus E. Raichle, M.D.
 Richard D. Sweet, M.D.
 Thomas R. Swift, M.D.
 Akemi Takekoshi, M.D.
 Lewis N. Travis, M.D.

Obstetrics and Gynecology

OBSTETRICIAN AND
GYNECOLOGIST-IN-CHIEF
Fritz F. Fuchs, M.D.

ATTENDING OBSTETRICIANS
AND GYNECOLOGISTS

Ralph W. Gause, M.D.
William P. Given, M.D.
Oscar Glassman, M.D.
Arthur V. Greeley, M.D.
Carl T. Javert, M.D.
Donald G. Johnson, M.D.
Elmer E. W. Kramer, M.D.
Robert Landesman, M.D.
Charles M. McLane, M.D.
George Schaefer, M.D.
William J. Sweeney, III, M.D.

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OBSTETRICIANS AND
GYNECOLOGISTS

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Stanley J. Birnbaum, M.D.
Myron I. Buchman, M.D.
Justin T. Callahan, M.D.
John T. Cole, M.D.
David B. Crawford, Jr., M.D.
E. William Davis, Jr., M.D.
Thomas F. Dillon, M.D.

Graham G. Hawks, M.D.
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Edward C. Mann, M.D.
Stewart L. Marcus, M.D.
Bernard N. Nathanson, M.D.
Melville A. Platt, M.D.
Richard A. Ruskin, M.D.
Samuel F. Ryan, M.D.
E. Fletcher Smith, M.D.
Howard James Tatum, M.D.

ASSISTANT ATTENDING
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GYNECOLOGISTS

Naef K. Basile, M.D.
Charles H. Bippart, Jr., M.D.
Jerome H. Brander, M.D.
Alfred Brockunier, Jr., M.D.
John A. D'Urso, M.D.
Vincent du Vigneaud, Jr., M.D.
Walter L. Freedman, M.D.
Hortense M. Gandy, M.D.
Richard F. Hnat, M.D.
*John R. Langstadt, M.D.
Robert M. Livingston, M.D.
Cyril C. Marcus, M.D.

*Deceased: 3/2/67

Frederick W. Martens, M.D.
†William D. McLarn, M.D.
Robert N. Melnick, M.D.
Irwin R. Merkat, M.D.
Myles C. Morrison, Jr., M.D.
Gideon G. Panter, M.D.
Virginia K. Pierce, M.D.
John T. Queenan, M.D.
Frederick Silverman, M.D.
Jay B. Skelton, M.D.
E. Thomas Steadman, M.D.
William D. Walden, M.D.
Virginia Werden, M.D.
Robert E. Wieche, M.D.

PROVISIONAL ASSISTANT
OBSTETRICIANS AND
GYNECOLOGISTS

Carl G. Beling, M.D.
Hector M. Cabot, M.D.
Fernando de la Rama, M.D.
Vincent F. Poblete, M.D.
Tove Raaschou-Nielsen, M.D.

Graduate Staff

OBSTETRICIANS AND
GYNECOLOGISTS

Alan Morton Blank, M.D.

†Deceased: 2/21/67

Charles M. Culbert, M.D.
Robert E. Fear, M.D.
Albert C. Lesneski, M.D.
Paul H. McCleary, M.D.
Sanford M. Markham, M.D.
Philip B. Mead, M.D.
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Reuben A. Clay, Jr., M.D.
James R. Farina, M.D.
Robert J. Fitzgerald, M.D.
Myron A. Hays, M.D.
Richard P. Karoll, M.D.
Robert E. Kaye, M.D.
H. David Kearing, M.D.
Richard A. Niles, M.D.
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Joseph E. Ringland, M.D.
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Arthur G. Shapiro, M.D.
Jack Shuber, M.D.
G. Millard Simmons, Jr., M.D.
Frank J. Zlatnik, M.D.

Pathology

ACTING PATHOLOGIST-IN-CHIEF
A. Whitley Branwood, M.D.

ATTENDING PATHOLOGISTS

A. Whitley Branwood, M.D.
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Goetz W. Richter, M.D.

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C. Richard Minick, M.D.
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Carolyn W. Watson, M.D.

PROVISIONAL

ASSISTANT PATHOLOGISTS

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PATHOLOGIST

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Gerard F. Ryan, M.D.
Laura Ureta, M.D.
Chao Hsiung Yang, M.D.

INTERNS

Yoon-Bok Jhee, M.D.
Hydow Park, M.D.

Pediatrics

PEDIATRICIAN-IN-CHIEF
Wallace W. McCrory, M.D.

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 Laurence D. Carnay, M.D.
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 Anne A. Gershon, M.D.
 Seymour Grufferman, M.D.

Demissie Habte, M.D.
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 Divinia J. Ilano, M.D.
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Eleanor Frany

Index to Professional Staff Members

Hyphenated numbers appearing after names show page number and column where each name appears in the Professional Staff Members List.

- | | | | |
|--------------------------------|--------------------------------|---------------------------------|--------------------------------|
| Abel, Donald W.....57-3 | Barondess, Jeremiah A...52-1 | Braunstein, Paul W.....57-2 | Cho, Eun-Sook.....54-3 |
| Abel, Henriette E.....52-4 | Barr, David P.....51-1 | Brennan, Robert W.....53-4 | Choi, Young Ja.....54-4 |
| Abel, Robert R.....52-2 | Barta, Frank R.....57-4 | Brethwaite, Samuel H....52-4 | Christenson, William N...52-1 |
| Abelson, Charles B.....58-4 | Barten, Harvey H.....55-4 | Brice, Mitchell.....59-2 | Chu, Florence C.....57-2 |
| Abu-Nassar, Solange G....54-3 | Bashkin, Edmund A.....55-2 | Brill, Paula W.....55-3 | Chu, Foen B.....52-2 |
| Adelson, Edward T.....55-4 | Basile, Naef K.....54-2 | Brilliant, Renée M.....55-2 | Church, Edwin H.....55-4 |
| Adler, Howard.....53-2 | Bass, Richard R.....55-1 | Britt, Michael R.....53-4 | Chynn, Kuo-York.....57-2 |
| Adler, Joel B.....58-3 | Bauer, Charles H.....54-2 | Brockunier, Alfred, Jr...54-2 | Cipollaro, Anthony C....51-1 |
| Advocate, Seymour.....52-2 | Bauer, Göran C. H.....58-1 | Brodman, Keeve.....52-4 | Cipolearo, Vincent A....52-4 |
| Alderman, Michael H.....53-2 | Baumgartner, Leona.....54-2 | Brooks, Michael J.....51-4 | Claremont, Hugh E.....52-2 |
| Allen, Fred H., Jr.....51-1 | Baxter, James E.....55-2 | Brown, Alfred A.....58-3 | Clark, Melva A.....52-2 |
| Allen, Martin G.....56-3 | Bearn, Alexander G.....52-1 | Brown, Harold W.....53-3 | Clarke, Robert L.....57-2 |
| Allgair, George W., Jr...51-3 | Becker, Carl G.....54-2 | Brown, Harrison O., Jr...52-4 | Clay, Reuben A., Jr.....54-4 |
| Allgair, Janet E.....51-3 | Becker, David V.....52-1, 57-1 | Brown, James W.....56-2 | Clements, Margaret H....54-2 |
| Almy, Thomas P.....52-1 | Becker, Lovell E.....52-1 | Brown, John L.....52-2 | Clifford, George O.....52-2 |
| Alonso, Daniel R.....54-3 | Bedenko, Dimitri.....56-2 | Brown, Stuart I.....58-2 | Clifton, Eugene E.....57-1 |
| Altman, Ina.....57-1 | Behrman, Lawrence A.....58-2 | Brown, Veronica C.....52-4 | Climo, Merrill S.....59-3 |
| Altman, Norman W.....56-1 | Behrman, Stanley J.....58-1 | Browne, Michael A.....58-3 | Clow, Hollis E.....56-1 |
| Amstutz, Harlan C.....58-2 | Beling, Carl G.....54-3 | Browne-Mayers, Albert N.55-2 | Coats, E. Craig.....59-2 |
| Anderson, Arthur A., Jr. 55-2 | Bertrand, Bell M.....52-4 | Bruton, William J.....58-4 | Cobb, John R.....58-2 |
| Anderson, Arthur F.....51-1 | Bell, Frank C.....53-4 | Bryan, James W.....57-4 | Cobbs, C. Glenn.....53-2 |
| Anderson, David G.....58-4 | Beneventi, Francis A.....59-2 | Buchanan, J. Robert.....52-1 | Cohen, Eugene J.....52-1 |
| Anderson, Gerald A.....56-3 | Benjamin, Bry.....52-2 | Buchanan, Mary C.....55-1 | Cohen, Ira B.....52-4 |
| Anderson, Karl E.....53-2 | Benton, Louis J.....57-4 | Buchman, Myron I.....54-1 | Cohn, Cal K.....53-4 |
| Anderson, Richard D.....57-3 | Berenberg, Samuel R.....55-1 | Buckley, Jerald D.....54-4 | Cole, John T.....54-1 |
| Anderson, William A.....52-4 | Beresford, Richard H....53-4 | Burgert, Woodward, Jr...54-3 | Cole, Robert M.....58-2 |
| Antoville, Anthony A....52-2 | Berg, Judith L.....52-4 | Burkhardt, Edward A....52-2 | Coleman, Morton.....53-2 |
| Arcuri, Joseph.....55-4 | Bergland, Richard M....58-2 | Burstein, Charles L.....51-1 | Colker, Joel L.....53-2 |
| Arditi, Lucien I.....52-2 | Berkowitz, Daniel M....55-4 | Bynum, T. E.....53-2 | Colston, William C.....57-3 |
| Armistead, George C., Jr. 52-1 | Berkoff, Harry S.....52-4 | | Connolly, Stephen C.....52-4 |
| Arnold, William D.....58-1 | Bernsten, Carl A.....52-2 | Cabot, Hector M.....54-3 | Constantine, Elizabeth F. 58-3 |
| Aronian, John M., III...57-4 | Besley, Richard N.....56-2 | Cadden, James J.....56-3 | Constantine, Frank H....58-2 |
| Aronson, Jason.....55-2 | Bethea, James S., III...58-4 | Callahan, Edward W., Jr. 53-2 | Conway, Herbert.....59-1 |
| Artusio, Joseph F., Jr...51-1 | Betz, Barbara J.....56-1 | Callahan, Justin T.....54-1 | Coombs, Francis P.....52-4 |
| Asaph, James W.....57-2 | Bezan, Allan I.....55-3 | Cameron, Donald J.....52-2 | Cooper, Howard N.....55-4 |
| Asch, Thane.....57-1 | Bhardwaj, Ved Bhushan...55-3 | Camp, Walter A.....53-2 | Cooper, William.....58-1 |
| Ashe, Barbara S.....55-1 | Bienenstock, Harry.....52-4 | Campbell, Rolla D., Jr...58-1 | Cormia, Frank E.....52-1 |
| Atkinson, Sam C.....52-1 | Billo, Otto E.....55-1 | Canale, Virginia C.....55-2 | Cornell, George N.....57-1 |
| Auld, Peter A. McF.....54-2 | Binford, Robert T., Jr...52-2 | Caplan, Robert B.....57-3 | Cornwall, Claude C.....54-4 |
| Aversa, John M.....57-4 | Bippart, Charles H., Jr...54-2 | Carey, Thomas I.....58-1 | Cortese, Armand F.....57-2 |
| Avnet, Samuel.....58-3 | Birnbaum, Stanley J....54-1 | Carlen, Alexander.....56-1 | Costes, Michel.....51-3 |
| Axel, Peter J.....55-2 | Bittencourt, Helito M....53-1 | Carlson, Eric T.....55-1 | Cox, Denton S.....52-2 |
| | Blank, Alan M.....54-3 | Carnay, Laurence D.....55-3 | Craig, George T.....54-4 |
| Baer, Ralph A.....52-4 | Blasberg, Ronald G.....53-4 | Carney, Stephen E.....58-4 | Cramer, Jean A.....52-2 |
| Bahia, Algeria D.....51-3 | Blitz, Marvin B.....55-4 | Caronna, John J.....53-2 | Crawford, David B., Jr...54-1 |
| Baker, Ralph D.....55-4 | Block, Sidney R.....53-4 | Carpenter, Charles W....58-4 | Crossley, James J.....57-4 |
| Baker, William G., Jr...53-2 | Bloom, Lawrence M.....56-3 | Carpenter, Walter T....55-2 | Culbert, Charles M.....54-4 |
| Balakrishnan, Saidapet...55-3 | Blum, Aaron M.....55-4 | Carr, Henry A.....52-1 | Cummins, F. Mitchell....57-2 |
| Balazs, Leslie L.....51-2 | Boris, Marvin.....55-2 | Carre, Aurelien.....59-4 | Cupaiuoli, Richard A. P. 52-4 |
| Baldwin, Horace S.....51-1 | Borovac, Dragan.....51-2 | Carruthers, Richard R....53-4 | Curi, Joseph F.....55-3 |
| Balensweig, Howard D...57-1 | Boyden, John S., Jr.....57-4 | Carson, Robert S.....55-4 | Curran, Robert E.....53-2 |
| Balensweig, Irvin.....51-1 | Brachfeld, Norman.....52-2 | Carver, Susan T.....52-2 | Curtis, Gabriel G.....51-2 |
| Bandukwala, Nadira K....54-3 | Bradess, Victoria A.....56-3 | Caterinicchio, Benedict S. 55-2 | |
| Barrandes, Martin.....53-2 | Bradford, Kenneth A....55-3 | Cavallino, Robert P.....57-3 | Da Cruz, Thomas R.....53-2 |
| Barber, Hugh R. K.....54-1 | Bragg, David G.....57-1 | Celian, Charles I.....55-4 | Dahl, Andrew A.....53-4 |
| Barchilon, John.....57-4 | Braida, Alfred J.....56-4 | Cerulli, Remo R.....55-4 | Daly, Christopher J.....57-4 |
| Barile, Raymond G.....51-2 | Brander, Jerome H.....54-2 | Charash, Leon I.....55-1 | Dann, Margaret.....54-1 |
| Barnes, Lloyd T.....52-2 | Branwood, A. Whitley...54-1 | Chaves, Aaron D.....52-1 | Danes, Betty S.....52-1 |
| Barnes, William A.....57-1 | | Chen, Ching-Ming.....51-4 | Dangelmajer, Rudolph C. 58-3 |
| Baronberg, Neil D.....53-4 | | Cho, Doo-Young.....56-2 | |

- Daniells, Helen E. 55-1
 Daniels, Farrington, Jr. 52-1
 Daniels, Helen S. 55-1
 Davidson, Richard A. 58-4
 Davis, E. William, Jr. 54-1
 Davis, Jeff. 52-4
 Davis, Marion. 52-2
 Davis, R. Carter. 53-2
 Davis, Robert V. 58-3
 Davey, R. Deal. 53-4
 Deal, Pinckney C., Jr. 52-4
 De Alvarado, Lois B. 55-4
 Deans, Robert D. 59-2
 De Gara, Paul F. 52-1, 54-1
 De Groot, Genevieve. 59-4
 Deitrick, John E. 52-1
 Deitrick, John E., Jr. 57-3
 Delaney, John R. 56-2
 De la Rama, Fernando. 54-3
 De Mayo, Alan P. 55-1
 Demura, Hiroshi. 53-1
 Demura, Reiko. 53-2
 De Nesnera, Peter. 52-4
 Dennen, Edward H. 51-1
 De Palma, Dominic M. 52-4
 De Rosa, Vincent. 51-3
 Dessler, Edgar J. 52-4
 De Wit, Sharon A. 54-4
 Diamond, Monroe T. 52-2
 Diamant, Bernard. 53-2
 Diaz, Robert L. 58-4
 Diehl, Carolyn H. 52-2
 Diethelm, Oskar. 51-1
 Di Gangi, Mary V. 56-3
 Di Leo, Joseph H. 55-1
 Dillon, Thomas F. 54-1
 Dineen, Peter. 57-1
 Di Pirro, Earl J. 59-4
 Dobrowolski, Peter E. 57-3
 Doherty, John H. 58-2
 Donley, Robert F. 57-4
 Dougherty, John W. 52-1
 Dougherty, Joseph C. 52-2
 Douglas, Gordon R. 51-1
 Downs, Lawrence A. 56-3
 Doyle, Thomas L., Jr. 55-4
 Draghi, Suzanne C. 56-3
 Draper, John W. 59-1
 Drescher, Edward M. 58-4
 Drew, J. Edwin. 59-2
 Du Bois, Robert O. 51-1
 Duckworth, Roy D. 56-4
 Duggan, Francis Jr. 57-3
 Duley, Wade. 57-2
 Dunbar, Charles R. 58-3
 Dunbar, Howard S. 58-2
 Dunkell, Samuel V. 55-4
 Dunlap, Edward A. 58-1
 Dunn, Michael W. 58-4
 Dunning, Henry S. 53-1, 56-3
 D'Urso, John A. 54-2
 Du Vigneaud, Vincent Jr. 54-2
 Dworetzky, Murray. 52-1
 Dye, Robert E. 52-4
 Dymling, John F. 53-2
 Earnest, Michael P. 53-2
 Easton, J. Donald. 53-3
 Eaton, Richard G. 58-3
 Eckardt, Robert E. 52-2
 Eckel, John H. 57-1
 Ecker, Malcolm L. 58-4
 Eddy, Harrison P. 55-2
 Edelman, Martin J. 57-2
 Edelson, Stuart R. 56-2
 Edwards, Adrian L. 53-2
 Edwards, Felicity C. 53-1
 Egan, George F. 58-1
 Ehle, Albert L. 53-4
 Ehlers, Kathryn H. 55-1
 Ehrensing, Rudolph H. 56-3
 Ehrlich, Alvin N. 53-2
 Eichenholtz, Sidney N. 58-2
 Eilers, Elizabeth A. 52-2
 Eisenmenger, William J. 52-1
 Eisner, Eric V. 52-4
 Ejrup, Borje E. 52-2
 Elisofon, Robert M. 55-4
 Elliott, Douglas R. 56-3
 Ellis, Robert J. 57-3
 Emery, Edward S. 53-4
 Emery, John R. 56-4
 Engle, Mary Allen. 54-1
 Engle, Ralph L. 52-1
 Ennis, Robert S. 57-4
 Epstein, Nathan. 54-2
 Epstein, Simon J. 56-1
 Erdamar, Ihsan. 57-4
 Erickson, Robert L. 53-4
 Erlandson, Marion E. 54-3
 Erlanger, Herbert L. 51-2
 Erle, Henry R. 52-2
 Ern, Richard A. 56-2
 Eryol, Azak Serf. 54-3
 Eskes, Philip W. H. 55-2
 Eskesen, Ralph A. 52-4
 Ettinger, Edwin. 52-4
 Evans, John A. 57-1
 Eyster, M. Elaine. 52-2
 Fadden, Francis J., Jr. 58-3
 Faga, Aldo R. 52-4
 Fahey, Thomas J., Jr. 52-2
 Failmezger, Theodore C. 53-2
 Farina, James R. 54-4
 Farnsworth, Diana V. 59-4
 Farnsworth, Peter B. 55-2
 Farr, Charles E. 51-1
 Farr, Hollon W. 52-2
 Farrell, Frank W. 59-2
 Farrell, Robert M. 57-3
 Fauci, Anthony S. 53-2
 Fear, Robert E. 54-4
 Feder, Aaron. 52-1
 Feinberg, Herbert S. 53-1
 Feffer, Paul Arthur. 53-2
 Felton, Rosemary B. 56-2
 Ferguson, René G. 55-4
 Fillmore, Sidney J. 53-2
 Fink, Harold D. 56-4
 Finkle, Theodore H. 55-4
 Finn, Frederick W. 56-3
 Finn, James E. 57-3
 Fischer, Henry J. 57-4
 Fish, Irving. 53-3
 Fisher, Yale L. 53-4
 Fitzgerald, Robert J. 54-4
 Flach, Frederic F. 55-1
 Fleetwood, M. Freile. 55-4
 Fleming, Richard J. 57-1
 Flynn, John T. 52-2
 Flynn, Maura L. 56-2
 Flynn, William F. 59-4
 Focht, Elizabeth F. 57-3
 Foley, William T. 52-1
 Foote, Frank W., Jr. 54-1
 Foraste, Roland J. 56-4
 Forde, Thomas P. 52-4
 Forkner, Claude E. 51-2
 Forkner, Claude E., Jr. 52-4
 Forrest, Arnold W. 56-4
 Fountain, Gerald. 56-1
 Fox, John L. 51-2
 Franklin, John E. 54-3
 Fratanoni, Joseph C. 53-2
 Freedman, Walter L. 54-2
 Freiburger, Robert H. 57-2
 Freyberg, Richard H. 52-1
 Friedman, Lionel O. 55-2
 Friess, Constance. 52-1
 Frimpter, George W. 52-1
 Fuchs, Fritz F. 54-1
 Fuller, Lois B. 56-2
 Furth, Eugene D. 52-2, 57-2
 Gabel, Milton. 58-2
 Galvin, Gerald M. 58-3
 Gandy, Hortense M. 54-2
 Garcia, Aguilar A. 51-3
 Gardner, Horace T. 52-2
 Gardy, Martin. 52-2
 Gareen, Diane B. 55-2
 Garren, Ronald B. 53-2
 Gaston, Erskin A., II. 59-4
 Gause, Ralph W. 54-1
 Gaztanaga, Pedro. 56-2
 Gee, Russell O. 58-3
 Geller, Stephen R. 59-4
 Geller, William. 52-1
 Gendel, Edward. 52-4
 Genvert, Harold. 57-2
 Georgsson, Sverrir O. 59-4
 German, James L., III. 54-3
 Gersh, Marvin J. 55-1
 Gershenson, Wilbur. 53-1
 Gershon, Anne. 55-3
 Gilbert, Joel H. 57-3
 Gilder, Helena. 57-2
 Gill, Fred A. 53-2
 Gilladoga, Angela C. 55-3
 Giustra, Peter E. 57-4
 Gittler, Robert D. 52-4
 Given, William P. 54-1
 Glassman, Oscar. 54-1
 Glenn, Frank. 51-2, 57-1
 Glenn, John S. 58-4
 Globus, David L. 52-2
 Gluck, David. 52-4
 Glucksman, Myron L. 56-1
 Glynn, Martin J. 54-3
 Goldberg, Doris K. 55-2
 Goldberg, Henry P. 54-3
 Goldfinger, Dennis. 53-4
 Goldin, Howard. 52-4
 Goldiner, Paul L. 51-4
 Goldman, Maurice E. 52-4
 Goldsmith, Edward I. 57-1
 Goldstein, William B. 52-2
 Goldstone, Robert A. 58-4
 Golosow, Nikolas. 56-3
 Goodell, Brian W. 53-2
 Goodyear, Stephen. 55-2
 Gordon, Dan M. 58-2
 Gordon, David F. 53-2
 Gordon, Sherman E. 56-4
 Gorham, George W. 52-3
 Gorske, Kenneth J. 57-4
 Gottlieb, Robert J. 53-2
 Gough, William W. 53-4
 Goulet, Anita H. 51-2
 Goulian, Dicran, Jr. 59-2
 Grafe, William R., Jr. 57-2
 Grant, John A., Jr. 53-2
 Gray, George F., Jr. 54-2
 Greeley, Arthur V. 54-1
 Greenberg, Ernest J. 52-3
 Greenberg, Sidney M. 52-1
 Griswold, Merton L., Jr. 57-2
 Gross, Clara R. 52-4
 Grossi, Margaret T. 55-2
 Grossman, Charles B. 57-4
 Grossman, Herman. 54-3, 57-1
 Grufferman, Seymour. 55-3
 Guida, Peter M. 57-2
 Guion, Connie M. 51-2
 Guthrie, Keith O., Jr. 52-3
 Guthrie, Thomas C. 53-2
 Guy, Bruce R. 53-2
 Gwynn, Robert E. 53-2
 Habte, Demissie. 55-4
 Hadley, Susan J. 52-1
 Hagstrom Jack W. 54-2
 Halvorsen, Edith P. 55-2
 Hamer, Harold A. 56-4
 Hamilton, Donald M. 56-1
 Hamilton, Francis J. 56-1
 Hamilton, Francis J., Jr. 56-4
 Hammock, Mary K. 57-4
 Han, Jong-Mok. 54-4
 Hanley, Marshall J. 52-4
 Haralambie, James O. 54-1
 Haraway, Andrew W., Jr. 52-4, 57-4
 Hare, Clarence C. 56-3
 Hargrove, Raymond L. 53-2
 Harpel, Peter C. 52-3
 Harper, Thomas S. 56-1
 Harrar, James A. 51-2
 Harrington, Helen. 51-2
 Harrington, Timothy R. 57-3
 Harris, Laurence S. 58-3
 Hasbrouck, Walter H. 52-4
 Hathaway, Peter. 55-1
 Hatterer, Lawrence J. 55-2
 Hauptman, Martin A. 55-3
 Hawks, Graham G. 54-2
 Hayes, Arthur H. 53-2
 Hayes, Joseph G. 53-2
 Hays, Myron A. 54-4
 Heckman, Bernard A. 53-2
 Hedgpeth, Edward M., Jr. 58-4
 Heimoff, Leonard L. 52-3
 Helfer, Lawrence S. 53-1
 Henjyoji, Edward Y. 57-3
 Henley, Thomas F. 56-1
 Hennekens, Charles. 53-4
 Henry, John R. 55-2
 Herbert, Philip S., Jr. 56-1
 Herr, Nicholas G. 57-4
 Herrmann, Richard A. 52-3
 Hersh, Alexander. 58-2
 Hertz, Daniel N. 56-1
 Hilaris, Basil S. 57-2
 Hilgartner, Margaret W. 55-1
 Hill, Ann C. 52-4
 Hinkle, Lawrence E., Jr. 52-1
 Hirsch, Anthony T. 55-4
 Hirschy, James C. 57-3

- Hnat, Richard F. 54-2
 Ho, Edgar C. 55-3
 Hobson, Lawrence B. 52-1
 Hochman, Raymond B. 52-3
 Hochstein, Elliot. 52-1
 Hoff, Julian T. 58-4
 Hogben, George L. 56-2
 Hollenberg, Milton. 52-3
 Holleran, Brent J. 57-3
 Holman, Cranston W. 57-1
 Holman, James M. 59-1
 Holswade, George R. 57-1
 Holtz, Helene. 52-4
 Hook, Edward W., Jr. 52-1
 Hook, Richard M. 57-3
 Hope, Peter B. 55-4
 Hopfan, Seymour. 57-2
 Horger, Eugene L. 52-3
 Horowitz, Herbert I. 52-3
 Horwith, Melvin. 52-1
 Hoskins, Donald W. 52-3
 Hotchkiss, Robert S. 59-1
 Hou, Beinhart Zong-You. 51-4
 Howe, Suzanne L. 59-2
 Hughes, John E. 55-2
 Humphreys, Gustavus A. 59-2
 Hunt, Frederick C. 51-2
 Huntington, Charles G. 56-4
 Hurst, David M. 56-2
 Hurtig, Howard I. 53-2
 Huston, Ann. 51-2
- Ilano, Divinia J. 55-4
 Inglis, Allan E. 58-2
 Insall, John N. 58-3
 Issaacs, Norman J. 52-3
 Isshiki, Gen. 55-3
 Ives, John O. 56-4
- Jackson, Daniel L. 55-4
 Jacobs, Bernard. 58-2
 Jacobson, Abraham S. 52-1
 Jacobson, Jerry H. 58-2
 Janulis, Peter T. 55-3
 Jaspin, George. 57-1
 Javadi, Parvin H. 51-4
 Javert, Carl T. 54-1
 Javin, Gregorio. 51-4
 Jeffries, Graham H. 52-1
 Jernigan, Thomas P. 52-4
 Jhee, Yoon-Bok. 54-4
 Joachim, Gary R. 52-4
 Johnson, Donald G. 54-1
 Johnson, Kenneth G. 52-1
 Johnson, O. Adrian. 57-3
 Johnson, Robert M. 53-2
 Johnson, Warren D., Jr. 52-4
 Johnson, William D. 54-2
 Johnson, William G. 53-4
 Jones, Thomas C. 53-2
 Jordan, Louis R. 58-4
 Joyner, Edmund N., III. 54-3
 Judd, Bradford A. 55-3
 Judelsohn, Richard G. 55-4
 Junker, Barnett J. 51-2
 Juttner, Herta Maria L. 51-4
- Kammerer, William H. 52-1
 Kane, Francis D. 55-3
 Kara, Anna. 52-4
- Karanas, Arthur. 52-4
 Karl, Richard C. 57-1
 Karmason, Marilyn G. 55-3
 Karnofsky, David A. 52-4
 Karoll, Richard P. 54-4
 Karp, Robert J. 55-4
 Kasper, Dennis L. 53-4
 Kass, Aileen F. 51-2
 Katz, Harry J. 52-3
 Kauer, George L., Jr. 52-1
 Kauer, Joseph T. 57-2
 Kaufman, Harold. 56-4
 Kaye, Donald. 52-1
 Kaye, Jeremy J. 57-4
 Kaye, Robert E. 54-4
 Kazan, Avraam T. 56-1
 Kean, B. H. 52-1
 Kearing, H. David. 54-4
 Keating, George A. 56-3
 Keefer, Edward B. 57-2
 Keeley, Kim A. 56-4
 Kellner, Aaron. 54-1
 Kelly, James T. 58-2
 Kelly, Le Moyne C. 52-3
 Keltner, John L. 53-2
 Kerr, Dorothea M. 56-1
 Kessler, Richard H. 52-3
 Keuhnelian, John G. 59-2
 Kibel, Howard D. 56-2
 Kiev, Ari. 55-1
 Kilbourne, Edwin D. 52-1
 Killip, Thomas III. 52-1
 Killoran, Paul J. 57-2
 Kimball, John T., Jr. 52-3
 Kirkham, Frederic T., Jr. 52-1
 Kirkland, Henry B. 52-1
 Klein, Harvey. 53-2
 Klein, Ludwig. 52-4
 Klein, Neil C. 52-4
 Kleinberg, Fredric. 55-4
 Kline, Edward M. 52-3
 Kline, Susan. 53-2
 Klingon, Gerald H. 53-1
 Knapp, Robert C. 54-2
 Knight, Mary M. 56-2
 Knight, Robert G. 56-1
 Kobayashi, Ronald M. 53-2
 Koenig, Hedwig. 51-2
 Koenigsberg, Daniel M. 55-4
 Kohl, Richard N. 55-1
 Kolin, Irving S. 56-4
 Kolodny, Marvin. 53-3
 Kornitzer, George D. 57-3
 Korostoff, Alan J. 55-4
 Korsten, James. 57-4
 Koteen, Herbert. 52-1
 Koteen, Seymour M. 58-2
 Kotzen, Leroy M. 57-2
 Kramer, Elmer E. W. 54-1
 Krampf, Walter J. 53-4
 Krauss, Alfred N. 55-3
 Krayanek, David. 55-2
 Kreek, Mary Jeanne. 52-4
 Kreuz, Leo E. 56-4
 Krone, Charles L. 53-3
 Kugler, Margaret M. 55-1
 Kunz, Harold G., Jr. 57-3
 Kutt, Henn. 53-2
 Ladue, John S. 52-3
 Laino, Peter L. 58-4
- Lamberto, Victor S. 55-4
 Lambrew, Costas T. 52-3
 Lance, Eugene Mitchell. 58-3
 Landesman, Robert. 54-1
 Landolt, Allison B. 55-3
 Langstadt, John R. 54-2
 Lanzkowsky, Philip. 54-3
 Lauersen, Niels H. 57-4
 Laufer, Ludwig G. 55-3
 Lavengood, Russell W., Jr. 59-2
- LaVenuta, Ferdinand. 59-3
 Lawrence, Jerome. 58-2
 LeBlanc, Stanley V. 53-3
 Leddy, Joseph P. 57-3
 Leder, Harold L. 52-3
 Ledwith, James W. 52-4
 Lee, James R. 57-3
 Lee, John E. 53-2
 Lee, Richard E. 52-1
 Lee, Robert E. 56-3
 Lee, Sin Hang. 54-3
 Lee, Joseph Chuen K. 54-4
 Leeper, Robert D. 52-3
 Lefkowitz, Henry J. 56-2
 Lehman, Jay S. 53-3
 Lese, Leo R. 52-4
 Lesneski, Albert C. 54-4
 Leumann, Ernst. 55-3
 Levin, Aaron R. 55-1
 Levin, Barry E. 53-4
 Levine, David B. 58-3
 Levine, Lenore S. 55-2
 Levine, Milton I. 54-2
 Levine, Richard L. 57-3
 Levine, Samuel Z. 51-2
 Levison, Matthew E. 53-3
 Levitt, Barrie. 52-4
 Levy, Bruce C. 52-4
 LeWinn, Laurence R. 57-3
 Lewis, Alfred B., Jr. 55-3
 Lewis, Charles M. 52-4
 Lewis, Frank L. 56-4
 Lewis, George W. 53-3
 Lewisohn, Marjorie G. 52-3
 Lewy, John E. 55-3
 Ley, Allyn B. 52-1
 Lhamon, William T. 55-1
 Liang, Edward Y. 55-1
 Lieber, Charles S. 52-1
 Lieberman, Jerrold S. 52-3
 Lieberman, Mark A. 58-4
 Lieberman, Roy H. 55-4
 Liebolt, Frederick K. 58-1
 Liebson, Philip R. 53-3
 Lillehei, C. Walton. 57-1
 Lim, Wan Ngo. 54-4
 Limjoco, Raul Norberto. 51-4
 Lin, Cheng-tse. 54-4
 Lincoff, Harvey A. 58-2
 Lindner, Marianne. 52-4
 Lintz, Robert M. 52-1
 Lipkin, Mack. 52-2
 Lipkin, Martin. 52-3
 Lissauer, Charlotte. 55-2
 List, Theodore A. 53-4
 Litt, Iris F. 55-4
 Littell, Andrew H. 54-4
 Livingston, Robert M. 54-2
 Loeb, Laurence. 56-1
 Loehr, Walter J. 57-3
- Loftus, Thomas A. 55-3
 Loigman, Barry I. 57-4
 Long, Ruth S. 58-3
 Lomotan, Leonor H. 55-3
 Lorenze, Edward J. 52-2
 Loring, Marvin F. 57-2
 Louis, Sydney. 53-3
 Louria, Donald B. 52-3
 Lowe, Luther B., Jr. 52-3, 55-2
 Lubash, Glenn D. 52-3
 Luckey, E. Hugh. 52-1
 Luger, Norton M. 52-3
 Lukas, Daniel S. 52-2
 Lulow, William V. 55-3
 Lum, Lincoln. 57-2
 Lyon, Mary Lou. 52-4
- Macedo, Antonio C. 53-1
 Macfarlane, J. Ralph. 57-2
 MacFee, William F. 51-2
 MacMurray, Robert J. 56-4
 Macris, Nicholas T. 52-3
 Macs, Peter O. 58-4
 Maerov, Arnold S. 56-2
 Magida, Melville G. 55-2
 Magidson, James S. 54-2, 57-2
 Maguire, Herbert T. 55-3
 Mamelok, Alfred E. 58-3
 Mandell, Gerald L. 53-3
 Mann, Edward C. 54-2
 Mannix, Henry M., Jr. 57-1
 Mao, Millicent Gim Taik. 54-3
 Marbury, Benjamin E. 51-1
 Marchand, John F. 52-4
 Marchena, Carlos. 53-3
 Marchisello, Peter J. 58-2
 Marciano, Mark R. 52-3
 Marcove, Ralph C. 58-3
 Marcus, Cyril C. 54-2
 Marcus, Steward L. 54-2
 Markham, Mary H. 59-2
 Markham, Sanford M. 54-4
 Marquis, James R. 57-2
 Marshall, Florence N. 54-4
 Marshall, Robert J. 53-3
 Marshall, Victor F. 59-1
 Martens, Frederick W. 54-3
 Martinez, Irving R., Jr. 53-3
 Marx, Leo J. 57-3
 Mascia, Armond V. 55-1
 Mason, Joseph B. 58-3
 Masterson, James F., Jr. 55-1
 Mastrovito, Rene C. 56-1
 Match, Ronald M. 58-3
 Matteucci, Raymond C. 57-3
 Mayer, Klaus. 52-4
 Mayer, Victor. 58-2
 McCabe, John C. 57-4
 McCarthy, Thomas C. 57-4
 McCleary, Paul H. 54-4
 McCombs, A. Parks. 52-2
 McCormack, Richard R. 52-3
 McCrory, Wallace W. 54-1
 McCune, Robert M. 52-3
 McDermott, Walsh. 52-1
 McDevitt, Ellen. 52-2
 McDivitt, Robert W. 54-1, 57-2
 McDowell, Fletcher H. 53-1
 McGovern, John H. 59-1
 McGovern, Robert G. 54-4
 McGowan, Frank J. 51-2

- McGowan, Lilian E. 56-1
 McGrath, John F. 56-1
 McGrath, N. Eileen 52-4
 McGrew, Herbert E. 56-2
 McGuire, Thomas F. 57-4
 McHugh, Paul R. 53-2
 McIlveen, Marion 55-1
 McKee, David Rice 59-3
 McKinley, Robert A. 56-1
 McKinney, Peter W. 59-2
 McKnight, William K. 56-1
 McLaughlin, Robert R. 56-3
 McLane, Charles M. 54-1, 57-2
 McLarn, William D. 54-3
 McLean, Alan A. 56-1
 McLean, John M. 58-1
 McLellan, Allister M. 51-2, 56-4
 McLellan, Frederick C. 56-4, 59-2
 McLemore, George A., Jr. 52-3
 McQuarrie, Irvine G. 57-3
 McSherry, Charles K. 57-2
 McSweeney, James J., Jr. 57-4
 Mead, Allen W. 52-3
 Mead, Philip B. 54-4
 Mejia-Gomez, Diego 53-1
 Melchionna, Robert H. 52-2
 Mehldau, Craig Arnold 58-4
 Mellors, Robert C. 54-1
 Melnick, Robert N. 54-2
 Merkat, Irwin R. 54-3
 Merten, Charles W. 57-2
 Michael, Stanley T. 55-3
 Middleton, Richard G. 59-3
 Middleton, Anthony W., Jr. 57-3
 Mignone, Robert J. 53-4
 Milhorat, Ade. T. 51-3
 Milhorat, Thomas H. 58-3
 Miller, Terry O. 58-4
 Miller, Stuart M. 53-4
 Miller, Walter J. III. 56-2
 Minick, Richard C. 54-2
 Minhinnick, Brenda E. 53-3
 Miscall, Brian G. 57-3
 Mitty, Virginia C. 54-4
 Modell, Walter 52-3
 Molander, David W. 52-3
 Monahan, George R. 51-2
 Monchik, Gerald J. 57-3
 Mones, Robert 53-2
 Monteith, James C. 56-4
 Moore, Holland V. 57-3
 Moore, James A. 59-1
 Moore, Samuel W. 57-1
 Moorhead, Harry H. 56-1
 Morgenthau, Joan E. 55-1
 Moritz, Timothy B. 56-3
 Morrison, Charles W. 59-4
 Morrison, Myles C., Jr. 54-3
 Morrissey, Kevin P. 57-3
 Mott, Walter W. 56-4
 Mouradian, Janet A. 54-3
 Muchnick, Richard S. 53-4
 Muecke, Edward Carl. 59-2
 Mueller, George C. 59-1
 Mujahed, Zuheir. 57-1
 Murphy, George E. 54-1
 Murphy, John J. 57-4
 Murphy, Joseph M. 57-4
 Murphy, Richard E. 54-4
 Murphy, Willis A. 52-3
 Muschenheim, Carl. 52-1
 Mushlin, Alvin I. 53-3
 Myers, Melvyn J. 57-3
 Myers, W. P. Laird. 52-3
 Myers, Wayne A. 56-1
 Myerson, Paul J. 57-4
 Nachman, Ralph L. 52-3
 Nachtigall, Henry B. 52-4
 Nadel, Alfred J. 57-2
 Nadler, Allen C. 52-4
 Nagel, Doris B. 56-4
 Nagler, Willibald. 52-3, 53-1
 Naidu, Rama Thilakam. 55-4
 Nathanson, Bernard N. 54-2
 Nathanson, Joseph N. 51-3
 Neumann, Karl. 55-2
 New, Bertrand L. 55-1, 55-2
 New, Maria I. 55-1
 Nicholas, James A. 58-2
 Nickel, William F., Jr. 57-1
 Niebyl, Jennifer. 53-4
 Nigra, Thomas P. 53-4
 Niles, Richard A. 54-4
 Northup, John D., Jr. 53-4
 Notterman, Rebecca F. 55-2
 Novaes, Albino E. 53-1
 Nydick, Irwin. 52-3
 Nydick, Martin. 52-4
 Ogilvie, John B. 57-2
 O'Connor, Sheilah M. 55-4
 O'Grady, William P. 57-3
 Okinaka, Arthur J. 57-1
 Oliphant, Michael. 53-4
 Oliver, Caldwell H., Jr. 57-4
 Olivier, Normand E. 52-4
 Olson, Madelyn E. 53-4
 Omura, Martha E. 53-3
 O'Neil, Jane F. 56-1
 O'Neill, Earl A. 57-2
 Opie, Eugene L. 51-3
 Oppel, Theodore W. 52-1
 O'Regan, Charles H. 51-3
 Orfanakis, Mike G. 53-4
 Overholt, Bergein F. 53-3
 Pachter, Maurice. 56-1
 Pagliaro, Salvatore J. 56-2
 Panter, Gideon G. 54-3
 Park, Benjamin S., Jr. 57-3
 Park, Hydow. 54-4
 Parke, William M., Jr. 56-3
 Parker, Francis P. 53-4
 Parsons, Herbert. 58-2
 Parsons, John M. 57-4
 Parthemore, Jacqueline G. 53-3
 Passarge, Eberhard. 55-3
 Passarge, Mary Feter. 55-2
 Patrocino, Josef E. 55-4
 Patten, Bernard M. 53-4
 Patterson, Robert L., Jr. 58-1
 Patterson, Russel H. 51-3
 Patterson, Russel H., Jr. 58-2
 Pattner, Austin M. 54-4
 Patton, Michael J. 56-4
 Payne, Mary Ann. 52-2
 Peightal, Thomas C. 56-3
 Penick, Sydnor B., III. 52-3
 Peretz, Walter L. 58-2
 Perkins, Richard. 52-4
 Perreault, Jean Paul. 59-4
 Perrone, Francis S. 52-3
 Perry, Herbert S. 57-4
 Peter, William J. 55-2
 Peters, Ruth D. 55-2
 Peterson, Hart De C. 53-2
 Peterson, Ralph E. 52-2, 55-1
 Petito, Frank A., Jr. 53-4
 Petursson, Esra. 56-1
 Pezzulich, Robert A. 57-4
 Phillips, Ralph Francis. 57-1
 Phillips, Raymond E. 52-4
 Philson, Arthur D. 52-4
 Piccaro, Ernest R. 58-2
 Pichler, Andrew G. 59-4
 Pierce, Paul E. 53-4
 Pierce, Virginia K. 54-3
 Pino, Robert S. 55-4
 Pitkin, Olive E. 55-2
 Platt, Melville, A. 54-2
 Plum, Fred. 53-1
 Poblete, Jesus F. 53-3
 Poblete, Vincent F. 54-3
 Pomeranz, Virginia E. 55-1
 Posner, Jerome B. 53-1
 Potts, Douglas G. 57-1
 Potor, Aurelia. 53-1
 Poundstone, Robert B. 56-1
 Powell, James B. 54-4
 Presto, Andrew J., III. 57-4
 Prince, Alfred M. 54-1
 Prince, Ivin B. 58-3
 Pritchett, R. A. Rees. 52-2
 Procupez, Teresa L. 55-3
 Prokop, James D. 58-3
 Protass, Jay Jacob. 57-4
 Prunier, John H. 52-3
 Putnam, John J. 58-2
 Queenan, John T. 54-3
 Quen, Jacques M. 55-3
 Quetel, Thomas. 54-4
 Raaschou-Nielsen, Tove. 54-3
 Radmanesh, Mohammed H. 51-4
 Raff, Martin J. 53-3
 Raichle, Marcus E. 53-4
 Raksin, Irving J. 58-4
 Ranzenhofer, Edwin R. 56-1
 Rapkin, Richard H. 55-2
 Rappaport, Irwin. 55-2
 Ratanarat, Sirivan. 51-4
 Ray, Bronson S. 56-4, 58-1
 Raymond, Edward A. 56-4
 Reader, George G. 52-1
 Redo, Frank S. 57-1
 Rees, Richard J. 57-3
 Reese, Martha K. 56-1
 Regan, Frederic. 53-1
 Reid, Robert A. 53-4
 Reiman, Reuben H. 55-2
 Reis, Donald J. 53-2
 Reiss, Sanford M. 53-1
 Remler, Anna M. 56-1
 Resnick, Donald L. 57-4
 Revilla, Freddy F. 53-1
 Reynolds, Herbert Y. 53-3
 Reznikoff, Paul. 51-3
 Ribble, John C. 54-4
 Richard, Jack. 52-3
 Richnak, Louis, Jr. 56-2
 Richter, David Marc. 57-4
 Richter, Goetz W. 54-1
 Rigamer, Elmore F. 56-4
 Riggio, Robert R. 53-3
 Riley, Edgar A. 52-3
 Ringland, Joseph E. 54-4
 Rinner, Steven E. 53-4
 Rinzler, Seymour H. 52-3
 Rizzo, Peter-Cyrus. 58-2
 Rizzo, Thomas D. 58-3
 Robbins, David B. 56-2
 Robbins, Philip R. 55-3
 Robbins, William C. 52-2
 Roberts, Thomas N. 52-2
 Robinson, Theodore. 57-2
 Robischon, William H. 54-4
 Rockwell, Fred V. 55-2
 Roff, George J. 56-2
 Rogoff, Bernard. 52-2
 Rothman, Herbert L. 56-4
 Root, Leon. 57-2
 Roseman, David M. 52-2
 Rosen, Gerald. 55-4
 Rosenfeld, Isadore. 52-3
 Ross, Albert Mathew. 53-1
 Rossi, Plinio. 57-2
 Rothman, Herbert L. 56-4
 Rothbard, Sidney. 52-2
 Rubenstein, Melvin. 53-1
 Rubin, Albert L. 52-2
 Rubin, Walter. 52-3
 Rudd, Emmanuel. 53-1
 Rudd, Lucie L. 55-2
 Rudin, Leonard J. 55-4
 Rueggesser, Paul. 53-1
 Ruskin, Richard A. 54-2
 Ryan, Donald K. 57-4
 Ryan, Gerard F. 54-4
 Ryan, Robert M. 57-4
 Ryan, Samuel F. 54-2
 Saint-Amand, Nathan E. 55-4
 Salans, Lester B. 53-1
 Salen, Gerald. 53-1
 Saltzman, Peter R. 55-4
 Samios, George. 55-3
 Sanchez, Sergio M. 59-4
 Sandberg, Joel S. 53-4
 Sande, Merle A. 53-3
 Sanford, Edgar J. 57-4
 Sanger, Sirgay. 55-1, 55-3
 San Miguel, Richard H. 55-4
 Santen, Richard J. 53-3
 Sarda, Rabin Manlunas. 53-3
 Saville, Paul D. 52-2
 Sayers, Ross V. 53-1
 Schaefer, George. 54-1
 Scharer, Lawrence. 53-1
 Scherr, Lawrence. 52-2
 Scherzer, Alfred L. 55-1
 Scheer, Stuart C. 53-3
 Schiebler, John C. 57-4
 Schiller, Carl F. 53-3
 Schlaepfer, William W. 54-2
 Schmidt, John G. 57-1
 Schmidt, J. Kenneth. 58-3
 Schneider, Edward L. 53-3
 Schneider, William J. 53-3
 Schnitzler, Robert N. 53-3

- Schocoff, Jack 51-4
 Schoelly, Marie-Louise 55-3
 Schoenholtz, Jack C. 56-2
 Schrader, Zalman 53-3
 Schulman, Jerome L. 52-3
 Schuyler, Leonard H. 52-3
 Schwager, Robert G. 57-4
 Schwanderla, Edward A. 56-2
 Schwartz, Ernest 52-3
 Schwartz, Gabriel H. 53-3
 Schwartz, Jerold 51-2
 Schwartz, Robert L. 53-3
 Schweitzer, Frederick W. 54-4
 Scovel, Frederick G. 53-1
 Seel, William T. 55-1
 Seelye, Edward E. 56-1
 Segaul, Robert M. 57-4
 Seidenstein, Harvey 53-3
 Seixas, Frank A. 53-1
 Seligmann, Arthur W. 52-2
 Selmanowitz, Barry 56-2
 Selzer, Michael A. 55-1, 55-3
 Sengelmann, Robert P. 59-4
 Seward, Robert L. 56-3
 Seybolt, John F. 54-2
 Shafer, Donald M. 58-2
 Shafton, Eugene P. 53-3
 Shamoian, Charles A. 56-4
 Shapiro, Arthur G. 54-4
 Shapiro, Arthur Kyle 55-2
 Shapiro, David 53-1
 Shapiro, Mario 53-3
 Shashaty, George C. 53-3
 Sheard, Charles, III 52-3
 Shepard, Edward M. 52-3
 Shera, Robert W. 56-4
 Sheridan, Wallace M. 56-4
 Sherlock, Paul 52-2
 Sherman, Mark Melvin 57-4
 Sherman, Raymond L. 53-3
 Sherwin, Albert C. 55-2
 Shey, Samuel Z. 56-3
 Shibuya, Madoka 55-1
 Shields, Joseph D., III 53-3
 Shuber, Jack 54-4
 Silver, Richard T. 52-2
 Silverman, Frederick 54-3
 Silverman, Gerald M. 52-3
 Simmons, Millard G., Jr. 54-4
 Simons, Donald J. 53-2
 Sinclair, Harry A. 53-1
 Skelton, Jay B. 54-3
 Skloven, Zellman D. 53-4
 Skudder, Paul A. 57-1
 Slater, Beatrice S. 55-2
 Slater, Ralph A. 56-2
 Sleisenger, Marvin H. 52-1
 Smillie, Wilson G. 51-3
 Smith, Barry D. 54-4
 Smith, Carl H. 51-3
 Smith, David I. 55-1
 Smith, E. Fletcher 54-2
 Smith, Frank R. 51-3
 Smith, Gary Lee 57-4
 Smith, J. James 52-1
 Smith, James P., Jr. 52-3
 Smith, James W. 59-2
 Smith, Martha L. 55-1
 Snart, Alan G. 53-1
 Snodgrass, John J. 57-2
 Snyder, Stuart S. 58-2
 Snyderman, Reuven K. 59-2
 Sobel, David E. 55-3
 Sobek, Michael V. 53-3
 Sohn, Yung Jai 51-4
 Solomon, Henry A. 53-3
 Soloway, Josef 55-2
 Sonenberg, Martin 53-1
 Song, Chull S. 52-3
 Sonkin, Lawrence S. 52-3
 Speer, David S. 57-2
 Spencer, James H., Jr. 55-3
 Spielman, Aaron D. 52-3
 Spielman, Gerald M. 55-4
 Spin, Frederick P. 53-4
 Spinelli, Anthony N. 59-3
 Spital, Max 56-2
 Spritz, Norton 52-2
 Squires, Franklin A. 56-4
 Stadler, John B. 56-2
 Stafford, Gerald E. 55-2
 Stalder, George A. 53-1
 Stamatov, John A. 56-2
 Stassa, George 57-2
 Stauffer, John G. 53-3
 Stauffer, John Q. 53-4
 Stauffer, Tom G. 56-1
 Steadman, E. Thomas 54-3
 Steckelman, Joel 55-4
 Stein, Harry L. 57-2
 Steinberg, Herman 52-2
 Steinberg, Israel 52-2, 57-2
 Stenzel, Kurt H. 52-3
 Stern, Gertrude S. 54-4
 Stern, Peter H. 52-3
 Stevens, Alexander R. 51-3
 Steward, Fred W. 51-3
 Stewart, Harold J. 51-4
 Stillerman, Maxwell 54-4
 Stimson, Philip M. 51-4
 Stockheim, Michael S. 56-2
 Stokes, Peter E. 52-2
 Stone, Richard W. 52-2
 Stone, William J. 53-1
 St. Pierre, Raymond 59-4
 Straub, Lee R. 58-1
 Straub, Leonard R. 55-3
 Strickler, James C. 52-3
 Stringfellow, Charles A. 53-3
 Struthers, Jacqueline J. 57-4
 Struve, John F. 59-2
 Stubenbord, William D. 52-2, 56-3
 Stubenbord, William T. 57-3
 Sufrin, Gerald 57-4
 Sullivan, John E. 52-2
 Sullivan, John L. 57-2
 Sullivan, Joseph D. 55-3
 Sullivan, Penelope K. 56-3
 Susman, David G. 51-3
 Swan, Kenneth G. 57-3
 Sweeney, William J., III 54-1
 Sweet, Richard D. 53-4
 Swift, Katharine 53-1, 56-2
 Swift, Thomas R. 53-4
 Sy, Marlyn G. 51-4
 Takekoshi, Akemi 53-4
 Tashchian, Agop 56-3
 Tatum, Howard James 54-2
 Taylor, Charles N. 56-1
 Temple, Harold L. 57-1
 Thibeault, Donald W. 55-3
 Thompson, Arthur R. 53-4
 Thompson, David D. 52-1
 Thompson, John Burdell, Jr. 58-4
 Thompson, T. Campbell 58-1
 Thorbjarnarson, Bjorn 57-1
 Tiedemann, Richard N. 57-4
 Timpanelli, Alphonse E. 52-2
 Todd, Jean E. 54-2, 57-2
 Tolstoi, Edward 51-4
 Tolins, Peter S. 55-1
 Topkins, Marjorie J. 51-1
 Torack, Richard M. 54-2
 Torre, Douglas P. 52-1
 Torsney, Jerome M. 55-2
 Traube, Sylvia G. 55-3
 Travis, Lewis N. 53-4
 Trebowski, Theodore E. 58-3
 Triebwasser, Harvey S. 55-4
 Trimarchi, Albert J. 56-3
 Tucker, Garrett R., III 59-4
 Tucker, Kenneth F. 55-3
 Tullock, Earl F., Jr. 53-4
 Turner, William S. 59-3
 Turner, Liebert S. 51-3
 Tuttle, Thomas L. 53-3
 Ubogy, George A. 53-3
 Ureta, Laura 54-4
 Urffer, Paul A. 57-3
 Van Allen, Traer 56-1
 Van der Decker, John D. 53-3
 Van Dyke, Craig 53-3
 Van Nostrand, E. Leslie 56-3
 Vannucci, Robert C. 55-4
 Van Poznak, Alan 51-1
 Van Thiel, David H. 53-4
 Veith, Frank J. 57-2
 Verges-Flaque, Albert 59-3
 Vidalon, Armando 53-3
 Vigliano, Edward M. 53-3
 Vitori, Eugene F. 56-3
 Vlatkovic, Gojko P. 55-3
 Von Roenn, Kenneth F. 56-3
 Vorhaus, Louis J., II 52-3
 Wade, Preston A. 57-1
 Wadler, Gary I. 53-3
 Wadsworth, Morton L. 55-4
 Wagner, Lewis C. 51-4
 Waldbaum, Robert S. 59-4
 Walden, William D. 54-3
 Wall, James H. 56-1
 Wallace, Robert B. 53-4
 Wallis, Lila A. 52-3
 Wallis, William E. 53-3
 Walsh, John H. 53-3
 Walter, Joseph 55-4
 Wanat, Francis E. 53-3
 Wantz, George E. 57-1
 Ware, James R. 56-2
 Warner, Nathaniel 55-2
 Warren, Porter H. 56-1
 Wassermann, Herbert E. 58-4
 Waterlain, Claude G. 53-4
 Watkins, George M. 57-4
 Watson, Barraud J. 56-4
 Watson, Carolyn W. 54-2
 Watson, Robert F. 52-1
 Watson, Robin C. 57-3
 Wayne, Henriette L. 55-4
 Weaver, Dean H. 57-3
 Webb, Dale I. 53-3
 Weber, Edward W. 56-3
 Webster, Bruce P. 51-4
 Weiman, Clinton G. 52-3
 Weingram, Judith 51-3
 Weiss, Alvah M. 55-1
 Weitzman, Elliott L. 55-2
 Weld, Francis M. 53-3
 Wells, Aaron O. 52-3
 Welsh, Judith B. 55-4
 Werner, Anthony S. 52-3
 Werden, Virginia 54-3
 Weser, Elliot 52-3
 West, John P. 57-1
 Weymuller, Charles A. 51-4
 Weymuller, Louis E. 51-4
 Wheat, William D. 55-4
 Wheatley, Marjorie A. 51-4
 White, Henry G. 58-4
 White, Stephen 57-1
 Whitman, Victor 55-4
 Whitmore, Willet F., Jr. 59-1
 Whitney, Alden E. 56-1
 Whitsell, John C., II 57-2
 Widerlite, Lawrence W. 53-4
 Wieche, Robert E. 54-3
 Wieneke, Kuhr, Jr. 58-4
 Wierum, Carl 52-4
 Williams, Byard 52-2, 56-3
 Williams, John R. 59-2
 Wilson, Florence A. 53-1
 Wilson, May G. 51-4
 Wilson, Peter G. 55-4
 Wilson, Philip D. 51-4, 58-1
 Wilson, Philip D., Jr. 51-4
 Winawer, Sidney J. 52-4
 Winchester, Patricia H. 57-3
 Winer, Stephen F. 57-4
 Winick, Myron 55-1
 Winston, A. L. 52-4
 Winters, William G. 53-1
 Wirth, James B. 53-4
 Wise, Dennis W. 57-4
 Wolfson, Edward 53-1
 Woodrow, Steven I. 59-4
 Woodruff, Lawrence 57-4
 Worthington, Edward L. 53-1
 Wright, Geoffrey B. 56-4
 Wright, Irving S. 51-4
 Wroblewski, Felix 53-1
 Wyss, Marie-Louise 55-3
 Yadley, Richard A. 53-4
 Yang, Chao Hsiung 54-4
 Yapalater, Alvin R. 56-1
 Yarus, Stanley S. 56-3
 Yim, Pill Sun 55-4
 Yormak, Stanley S. 53-1
 Young, Margaret J. 53-4, 55-3
 Young, Robert C. 53-4
 Yount, William J. 53-1
 Yu, Henry C. 57-4
 Yu, Peter Wei-Ting 51-3
 Yuppa, Joseph Anthony 53-1
 Zagoloff, Anna 56-4
 Zahn, F. Darwin 57-4
 Zinn, Stephen A. 57-4
 Zipser, Stanley S. 54-4
 Zito, Joseph J. 58-3
 Zlatnik, Frank J. 54-4
 Zweifach, Philip H. 58-3

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